Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

SHOUT
SHARE
IT

LIBRARY
RECEIVED
★ FEB 25 1943 ★
U. S. Department of Agriculture

"P.-W.'s Early Canner"
(See page 18)

For Your Victory Garden

The V No. 43 Garden Book

PORTER-WALTON CO.
SALT LAKE CITY • UTAH.

GARDEN for VICTORY

HEALTH AND ECONOMY

Make Your Garden Dreams Come True

Select Your **SEEDS** from **P.-W.'s Display** at Your "Store Around the Corner"

FRESH DEPENDABLE

INSIST on **Porter-Walton's** PURE-BRED STRAINS

ACCEPT NO SUBSTITUTE

If not at Your Dealer's SEND DIRECT

"They're More Vigorous"

A Typical Display of P.-W.'s Seeds At Your Local Merchant's Store

P.-W.'s MOUNTAIN GROWN SEEDS ARE SOLD BY 2000 INTERMOUNTAIN MERCHANTS

"GARDEN FRESH" VEGETABLES and FRUIT

"All Year Round" for Health and Economy

Look! 'What's in Cold Storage

For a forward-looking family at Bountiful, Utah:

Luscious Green Peas, Snap Beans, Corn on Cob, Green Asparagus, Beets, Swiss Chard, Spinach, Boysenberries, Raspberries, Strawberries, Sweet Cherries, Peaches, etc.

FULL OF HEALTH VITAMINS
DELIGHTFULLY "GARDEN FRESH"

FRUITS AND VEGETABLES

To Be Grown for Freezer-Lockers

This splendid method of making "Garden Fresh" Fruits and Vegetables available throughout the year is a recent development that is rapidly growing in popularity. In response to many customer requests we have prepared the following lists, that experiments known to us, have determined to be most desirable. No doubt there are many others, but we feel sure a sufficient variety is here given to insure a most palatable assortment.

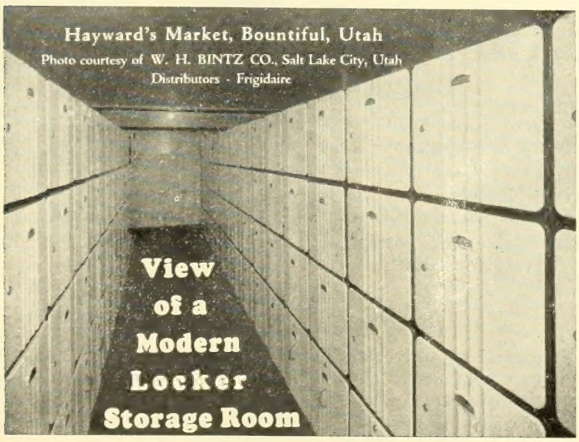
For full instructions how to select and prepare both fruit and vegetables when ready for storage, apply to your nearest Locker Unit.

FRUITS AND BERRIES

Selected for Freezer-Locker Storage

Boysenberries—Thornless, regular.
Dewberries—Lucretia.
Gooseberries—P.-W.'s White Smith, Oregon Champion.
Raspberries, Red—Cuthbert, Latham, Colossus.
Raspberries, "Black Caps"—Cumberland, Columbia.
Strawberries—Marshall, New Mammoth.
Apples—Winesap, Jonathan, Red Astrachan.
Apricots—Chinese, Moorpark.
Cherries — Lambert, Bing, Black Tartarian, Napoleon, Montmorency, Royal Duke.
Peaches—J. H. Hale, Crawford's Late, Elberta, Rochester.
Plums—Satsuma, Duarte. **Prunes**—Italian.

See pp. 65-68, incl., for prices and descriptions on above.


Hayward's Market, Bountiful, Utah
Photo courtesy of W. H. BINTZ CO., Salt Lake City, Utah
Distributors - Frigidaire
View of a Modern Locker Storage Room

SELECTED LIST OF VEGETABLES

For Freezer-Locker Storage

To be grown for locker storage. Where there are more than one variety in a family, we have listed them in the order of their desirability for locker storage. These have all been tested and are dependable for excellent results.

Asparagus—Mary Washington.
Beans, Green—New Stringless or Tendergreen, Full Measure, Stringless Black Valentine, Burpee's Stringless.
Beans, Wax—New Pencil Pod and Brittle Wax.
Beans, Bush Lima—Fordhook, Burpee's, and Henderson's.
Beans, Pole—Blue Lakes, Kentucky Wonder.
Broccoli—Italian Green Sprouting.
Brussels Sprouts—Imp. Long Island.
Cabbage—Copenhagen Market.
Cauliflower—Snowball types, all varieties.
Carrots—Chantenay types, Imperator, Nantes, Supreme Half Long.
Corn—Golden Bantam, Golden Cross Bantam, Country Gentleman, Stowell's Evergreen, Bantam Evergreen.
Mushrooms—Grown from pure culture spawn.
Peas—World's Record, Thos. Laxton, Dwarf Alderman, Number 40, Little Marvel, Laxtonian Dark Red, Laxton's Progress, Stratagem.
Rhubarb—Giant Cherry, Victoria.
Spinach—Bloomsdale Longstanding, Savoy.

See pages 5-18, inclusive, for descriptions and prices on above.

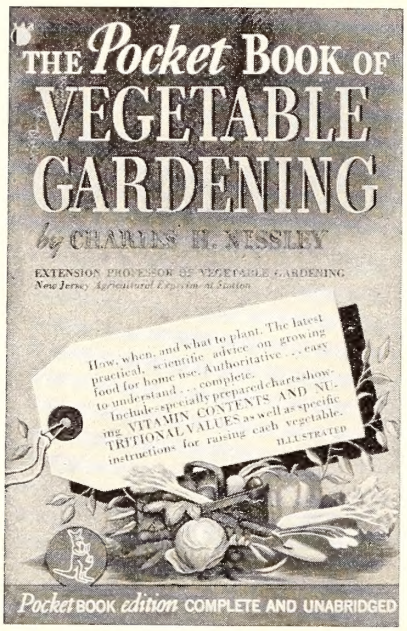
QUANTITY PRICES TO MARKET GROWERS

A separate list has not been made this year, but the Market Growers quantity prices are printed in this book. This plan has been followed in the interest of both convenience and economy.

These prices will be found to be as reasonable as any other reliable source of supply. We have gone to great expense in testing and growing in order to select the most dependable that can be grown or procured, regardless of price.

P.-W.'s SEEDS ARE SECOND TO NONE

PLAN NOW FOR YOUR 1943 Victory Garden


THE Pocket BOOK OF
VEGETABLE GARDENING
by CHARLES H. NESSLEY
EXTENSION PROFESSOR OF VEGETABLE GARDENING
New Jersey Agricultural Experiment Station
How, when, and what to plant. The latest practical, scientific advice on growing food for home use. Authoritative . . . easy to understand . . . complete.
Include specially prepared charts showing VITAMIN CONTENTS AND NUTRITIONAL VALUES as well as specific instructions for raising each vegetable.
ILLUSTRATED
Pocket BOOK edition COMPLETE AND UNABRIDGED

THE POCKET BOOK OF VEGETABLE GARDENING will help you in planning. It tells how, when and what to plant. The latest practical, scientific advice on growing food for home use. Authoritative . . . easy to understand . . . complete.

Every American Home should have a vegetable garden. For inexpensive food, for health, for recreation, a well-managed garden is an asset to any family. Today, more than ever before, the health of every American is essential.

This book, containing 256 pages, is a complete and up-to-date guide to successful vegetable gardening.

Price only

25c

VICTORY VEGETABLE COLLECTION OFFER NO. 3-A

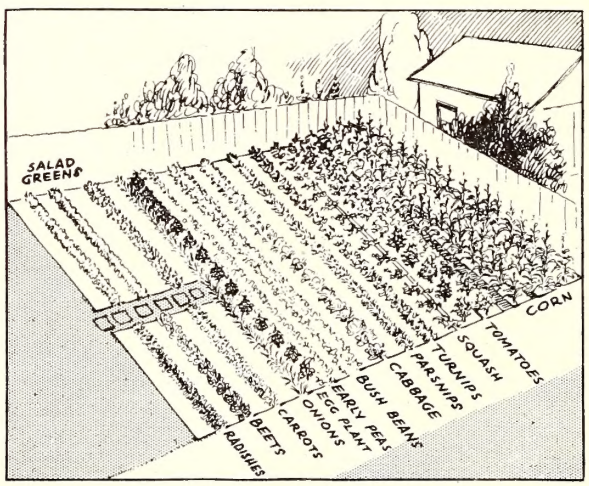
(For family of five, providing fresh vegetables for the table, canning or locker storage.)

Variety	Amount	When to Sow†	Replant
BEANS			
New Stringless	1 lb.	May 15	Every 2 wks. to Aug.
Brittle Wax	1 lb.	May 15	Every 2 wks. to Aug.
Fordhook B. Lima	1 lb.	May 15	
Blue Lakes Pole	1 lb.	May 15	Every 2 wks. to July
BEET			
Detroit Dk. Red	4 oz.	April 15	June 1
CABBAGE			
Copenhagen Mkt.	1 pkt.	*March 1	May 1
Danish Ball Head	1 pkt.	May 10	
CARROT			
Red Cored Chant.	1 oz.	March 15	June 1
CORN			
Golden Bantam	1 lb.	May 10	Every 2 wks. to July
Golden Cr. Bantam	1 lb.	May 10	Every 2 wks. to July
CUCUMBER			
White Spine	1 pkt.	May 15	July 1
LETTUCE			
New York	1 oz.	April 10	Every 2 wks. to Sept.
ONIONS			
Sweet Spanish	½ oz.	April 1	
PARSNIP			
Hollow Crown	1 oz.	April 1	
PEAS			
World's Record	3 lbs.	March 15	Every 2 wks. to May
Dwarf Alderman	3 lbs.	March 15	Every 2 wks. to May
RADISH			
Sparkler	1 oz.	April 1	Every 2 wks. to Sept.
SPINACH			
Bloomsdale	1 oz.	Mar.-May	July-Aug. 15
TOMATO			
Early Canner	1 pkt.	*Mar.-Apr.	
TURNIP			
P. T. White Globe	1 oz.	April 1	July 15
SWISS CHARD			
Fordhook	1 oz.	March 15	June 1

*Plant in window box or cold frame.

†Based on Salt Lake valley and similar climates.

The entire collection, as above, postpaid, all for..... $5.50



Suggestive Lay-out for Family Garden
Plan Well for a Balanced Diet

ORDER EARLY

You will do a service both to your seedman and yourself by ordering your seeds early. The benefits are many—first, help is lacking to fill all your orders in the short season while planting is actually possible; second, you will be able to get the varieties you wish, whereas late buyers may be obliged to take varieties that are left.

P.-W.'s VEGETABLE SEEDS

ASPARAGUS SEED

An ounce of seed will sow 75 ft. of row and produce about 250 plants.

Sow the seed in the early spring. When roots are one to two years old, transplant to permanent location. Given care, a bed of 500 sq. ft. provides for an average family for 8 to 10 years.

Mary Washington—An early rust-resistant variety that is a heavy producer. The shoots are of rich dark green with tightly folded tips. Introduced by the U.S.D.A., and surely the best strain grown. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.00; 10 lbs., $9.00.

New Paradise—Produces a normal crop ONE YEAR EARLIER. This new sensational variety has been tried and proven by big Asparagus growers. Heavy cropper, finest quality, commands top prices. Pkt., 10c; oz., 40c; ¼ lb., $1.25; lb., $4.00.

ASPARAGUS ROOTS

75 roots plant 100 feet of row.

Mary Washington—2-year-old roots fresh dug. Doz., 35c; 50 roots, $1.00; 100 roots, $1.50; 1000 roots, $12.50.

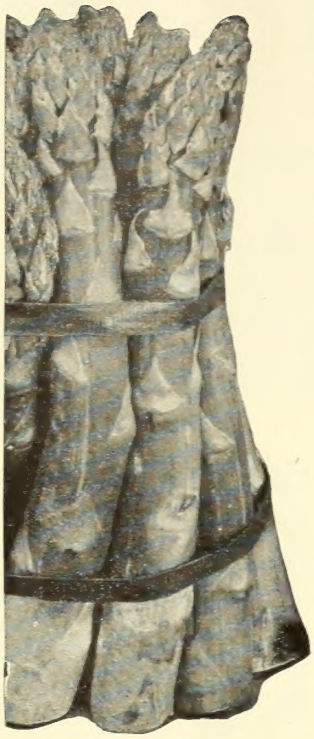
New Paradise—2-year-old roots, fresh dug. Doz., 50c; 50 roots, $1.25; 100 roots, $2.00; 1000 roots, $15.00.

By Mail—Add postage, 10c doz.; 20c for 50; 30c for 100; $1.25 for 1000.

ARTICHOKES

1 peck plants 100 feet of row.

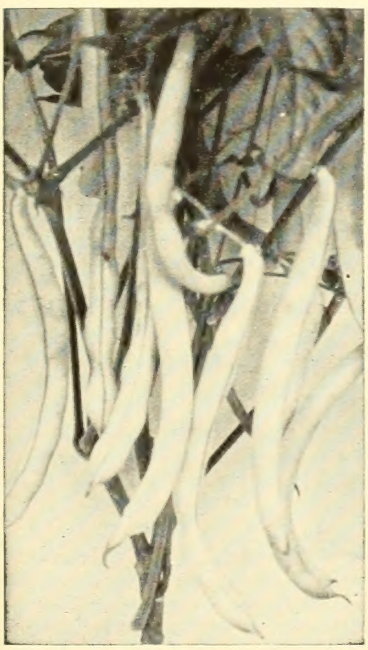
Jerusalem (Tuberous Rooted)—For hog pasture. When once established they increase rapidly. Culture same as potatoes, except roots may be left in soil over winter. Lb., 20c; 10 lbs., $1.50; postpaid. Not prepaid—10 lbs., $1.20; 100 lbs., $8.50.



New Mary Washington

Prices Subject to Change

As this catalogue goes to press there is no ceiling on garden seed prices. Nevertheless, we have not advanced retail prices over those of 1942, except where increased production costs have compelled an increase. Because of uncertainty concerning the replacement of our present stocks of seed, and the cost of such replacement, we are compelled to give warning that all prices quoted in this catalogue are subject to change without notice. Early ordering is urged.



P.-W.'s Imp. Pencil Pod

STRINGLESS BEANS

DWARF GREEN POD TYPES

1 pkt. plants, 30 feet; lb., 150 feet; 60-75 lbs., an acre

New Stringless or Tendergreen—53 days. Our stock of this variety has become so popular with our customers that today it stands out as the leading stringless green pod sort. Pods are 6-6½ in. long, and are absolutely stringless and free from fiber. They are nearly straight, dark green, and round. Plants are hardy, disease resistant, and dependable croppers. Not prepaid—10 lbs., $2.10; 50 lbs., $10.00; 100 lbs., $19.00.

Burpee's Stringless (Improved Strain)—We offer a greatly improved Burpee's Stringless. Pods are longer, round, flesh more tender, less fibrous, and heavier yielding. A favorite for home use. Not prepaid—10 lbs., $2.00; 50 lbs., $9.50; 100 lbs., $18.00.

Stringless Black Valentine—49 days. Well adapted for early shipping. Plants large, erect and prolific; attractive oval pods nearly straight, dark green, entirely stringless. It retains its color and texture in shipping a long distance. One of the best market beans and a profitable one to grow. Not prepaid—10 lbs., $2.10; 50 lbs., $10.00; 100 lbs., $19.00.

Full Measure—An outstanding variety for market growers; produces heavy yields when growing conditions are right, though not so disease resistant as other green pod sorts. Not prepaid—10 lbs., $2.10; 50 lbs., $10.00; 100 lbs., $19.00.

Stringless Refugee—70 days. Splendid canning variety. The young pods are especially fine for canning and pickling whole. Very productive. Pods are fine-grained, stringless, very fleshy, and brittle. Not prepaid—10 lbs., $2.00; 50 lbs., $9.50; 100 lbs., $18.50.

New Stringless or Tendergreen

Broad Windsor (Horse Bean or Fava)—They are very productive and hardy; known to stand 28 degrees temperature. Europeans cook them while green, but the dried beans are very much in favor. Pods are 1¼ in. broad, 5-7 in. long, and smooth. Not prepaid—10 lbs., $2.00; 50 lbs., $9.50; 100 lbs., $18.50.

Postpaid prices, any of above varieties—Pkt., 15c; lb., 40c; 2 lbs., 70c.

DWARF WAX PODDED BEANS

Sow same as Green Pods.

Pencil Pod Black Wax—52 days. The best round-podded Wax Bean for the home gardener or market. Extremely productive, bearing magnificent straight, pencil-shaped pods, six to seven inches in length, of a rich golden-yellow color; beautifully rounded, meaty, fresh, brittle, solid and entirely stringless. Our stocks are carefully selected for vigor, high yield and true type. Not prepaid—10 lbs., $2.10; 50 lbs., $10.00; 100 lbs., $19.00.

Round Pod Kidney or Brittle Wax—52 days. Pods 6 in. long, waxy yellow color, round, slightly curved, and quite smooth. No string or fiber. Exceptional home garden, market, and canning qualities make Brittle Wax one of the most demanded Wax Beans. Not prepaid—10 lbs., $2.20; 50 lbs., $10.50; 100 lbs., $20.00.

Golden Wax (Top Notch Strain)—50 days. Almost entirely resistant to bean rust. The straight, yellow pods are broad, flat, 5 in. long, stringless, and brittle. Heavy bearer. Fine home type or for early market. Not prepaid—10 lbs., $2.10; 50 lbs., $10.00; 100 lbs., $19.00.

Postpaid prices, any of above—Pkt., 15c; lb., 40c; 2 lbs., 70c.

EDIBLE SOY BEANS

Since the recent introduction of vegetable type soy beans into this country, the demand for seed has constantly increased. These beans are not only delicious when eaten green or dry, but they are also an excellent source of Vitamins A, B, and G. Soy beans rate higher than Navy Beans in proteins and they will greatly out-yield them in the same amount of space.

Bansei (Earliest Soy Bean)—96 days. One of the earliest and most productive of all and very adaptable in its growing requirements; it will produce crops in nearly any section of the country. Plants grow 24 in. high and do not require support. They are literally loaded with pods. Seeds are bright green while young and yellow when mature. Pkt., 15c; ½ lb., 25c; lb., 45c; 2 lbs., 85c; 5 lbs., $2.00.

FIELD BEANS

	lb.	Not Prepaid 10 lbs.	100 lbs.
Great Northern, Idaho Reds, and **Pinto**	.20	1.25	Ask
Pink Eye, flavor unexcelled	.25	2.00	Ask

If by mail, add postage at zone rates.

LIMA BEANS–Dwarf or Bush

A pound of Lima seed will plant 100 ft. of row, about 60 lbs. an acre.

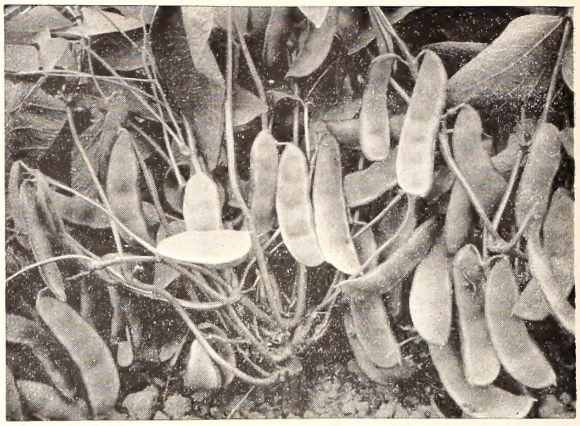
Fordhook—75 days. Plant is strong and erect; never straight or running. Heavily productive. The pods are borne in clusters of 4 to 8 each. Pods are 4-5 in. long, 1¼ in. wide, and as much as ½ in. thick; contains 3 to 4 seeds. Not prepaid—10 lbs., $2.70; 50 lbs., $13.00; 100 lbs., $25.00.

Burpee's Improved—75 days. It is in large demand where a somewhat flatter seed than Fordhook is desired. Contains 4 to 5 seeds per pod. Plants are large and vigorous; planted 3 feet apart, they often meet. Not prepaid—10 lbs., $2.60; 50 lbs., $12.50; 100 lbs., $24.00.

Henderson Bush (Baby Lima)—65 days. An early productive sort. Pods about 2¾ in. long, containing 2 to 4 beans of fine quality. Used for canning and dry beans. Not prepaid—10 lbs., $2.20; 50 lbs., $11.50; 100 lbs., $20.00.

Fordhook Pole Lima—It has all the good characteristics of Fordhook Bush Lima—thick seed, straight, smooth pod, rich tenderness, and large pods. Bears three to four times as many per plant as the bush type. Not prepaid—10 lbs., $2.50; 50 lbs., $12.00; 100 lbs., $23.00.

Postpaid prices on above—Pkt., 15c; lb., 50c; 2 lbs., 90c.



Fordhook Bush Lima

POLE BEANS

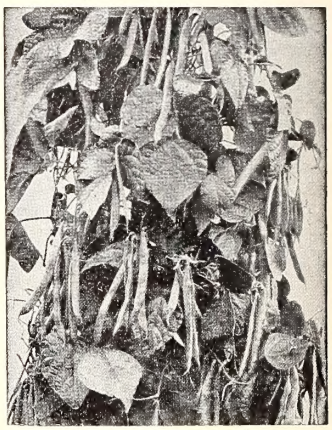
A packet of these beans will plant 120 feet of row.

Kentucky Wonder or Homestead—65 days. The pods are thick, meaty and deeply saddle-backed and entirely stringless. The best for all purposes. Not prepaid—10 lbs., $2.20; 50 lbs., $10.50; 100 lbs., $20.00.

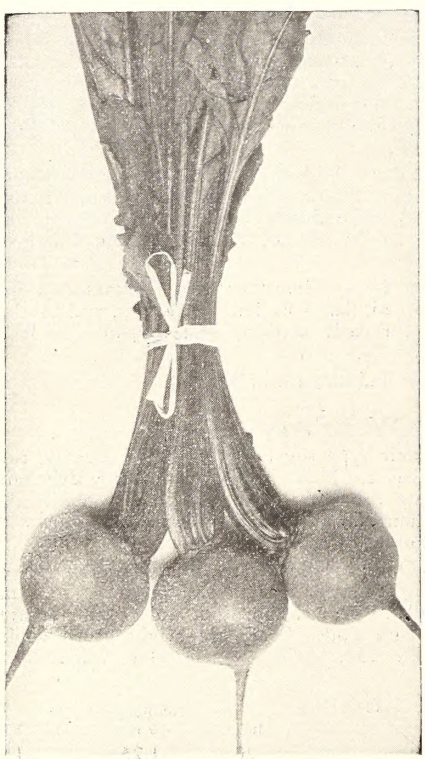
Blue Lakes—Used extensively by Intermountain and Pacific Coast canners for an asparagus type pack of green beans. Splendid for home use and will command high prices on local markets. Good climber, heavy producer, pods 5½ in. long, ½ in. wide, and almost ½ thick. Very fleshy, brittle, and tender. Not prepaid—10 lbs., $2.40; 50 lbs., $11.50; 100 lbs., $22.00.

Lazy Wife—72 days. Pods grown in abundance, about 6 inches in length, broad, thick and fleshy. Not prepaid—10 lbs., $2.20; 50 lbs., $10.50; 100 lbs., $20.00.

Postpaid prices, any of above varieties—Pkt., 15c; ½ lb., 25c; lb., 40c; 2 lbs., 75c.



Kentucky Wonder (Old Homestead)



Detroit Dark Red Beet

BEETS

An ounce of seed will sow 60 feet of row; a packet, 15 feet; 10 lbs. will plant an acre in rows spaced 14 inches apart.

Detroit Dark Red (Perfected Strain)—This beet is one of the most outstanding selections of Detroit Dark Red for dark, uniform, interior color. The root is globe shape, slightly flattened at base. Especially adapted for market gardens and possessing excellent canning qualities. Tops are fairly large, leaves dark green, tinged with dark red. This variety is a good grower and heavy cropper. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., $1.75; 10 lbs., $16.50.

Early Crosby Egyptian (Dark Red Strain)—50-55 days. An extra early variety; splendid for home gardens or market. Tops medium in size; roots flattened, globe shape with small tap root. Color is very dark red; flesh crisp and tender.

P.-W.'s Early Wonder—50 days. The earliest of the table varieties. It is globe shaped and very uniform in size, skin smooth, flesh a deep blood-red.

Early Flat Egyptian—Several days earlier than other early varieties. Used for forcing to reach the earliest market.

Beet prices, except where noted—Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., $1.50; 10 lbs., $14.00.

BROCCOLI

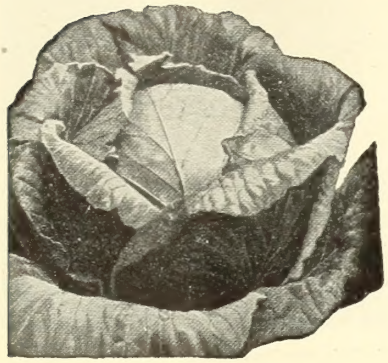
Italian Green Sprouting—Cultivated like cabbage, it bears a succession of sprouting heads. Each sprout, about 4 in. long, ends in a small head of deep green buds. It resembles cauliflower except in color. Pkt., 10c; oz., 70c; ¼ lb., $2.00; lb., $6.00.

BRUSSELS SPROUTS

Long Island Improved—The flavor of these small sprouts or heads is more delicate than that of cabbage and the culture is the same. Plants 20 in. tall and stems are well covered with firm, round, cabbage-like balls about 1½ in. in diameter, which mature in succession. Pkt., 10c; oz., $1.00; ¼ lb., $3.00; lb., $10.00.

P.-W.'s SPECIAL CABBAGE STRAINS

An ounce of seed will produce about 3,000 plants if sown in frames.



Copenhagen Market

Copenhagen Market—70 days. This fine early market garden strain will satisfy the most critical trade. Short stemmed, heads uniformly large, round, solid and excellent quality. The light green leaves are always tightly folded; the plants may, therefore, be set closer. Vigorous grower, good yielder and an excellent keeper. Pkt., 10c; oz., 60c; ¼ lb., $1.75; lb., $5.00.

Danish Ball Head (Short Stem Strain)—We are proud of this stock and fully recommend it to our customers as the most outstanding Danish Ball Head offered anywhere. The heads are nearly round, extremely solid, and remarkably heavy. It is vigorous, uniform, and sure to head. They are outstanding keepers in storage. Pkt., 10c; oz., 60c; ¼ lb., $1.80; lb., $5.50.

P.-W.'s Early Jersey Wakefield—65 days. The entire crop can be marketed very early, grows compact with nearly oval, deep green leaves. Short stem, medium size, very solid, pointed heads of excellent quality. The best extra early pointed headed cabbage. Pkt., 10c; oz., 40c; ¼ lb., $1.25; lb., $4.00.

P.-W.'s Golden Acre—60 days. The earliest cabbage. Heads are round like Copenhagen Market, but smaller. Plants are small, short stemmed, and compact. This is one of the most profitable for market growers. Ours is a true strain from the most reputable Danish grower. Pkt., 10c; oz., 60c; ¼ lb., $1.75; lb., $5.00.

Glory of Enkhuizen—80 days. Widely used for kraut and for shipping. Pkt., 10c; oz., 50c; ¼ lb., $1.50; lb., $4.50.

Premium Flat Dutch—105 days. Heads large, flat but deep, and solid. Pkt., 10c; oz., 40c; ¼ lb., $1.25; lb., $4.00.

Perfection Drumhead—90 days. This is the leader of the Savoy types. Pkt., 10c; oz., 60c; ¼ lb., $2.00; lb., $6.00.

Red Stonehead—110 days. The largest and best red cabbage. Pkt., 10c; oz., 60c; ¼ lb., $2.00; lb., $6.00.

CABBAGE PLANTS

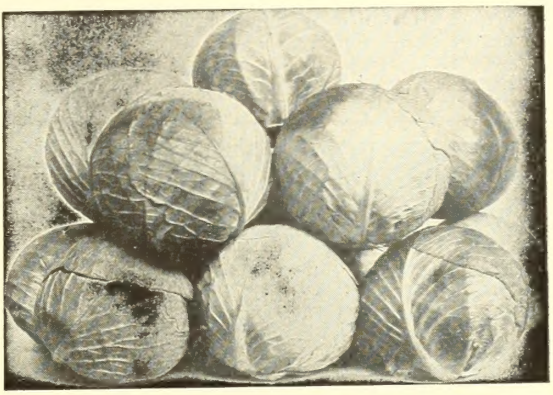
Golden Acre, Copenhagen Market, and **Danish Ball Head**—Doz., 20c; 100, 60c; 1000, $4.75. Postage extra, 10c doz.; 20c, 100; $1.10 per 1000.

CHINESE CABBAGE

Big producer. Splendid greens for poultry or salads.

Pe-Tsai—15-18 in. tall. Pkt., 10c; oz., 40c; ¼ lb., $1.25; lb., $4.00.

Wong Bok—8-10 in. tall.



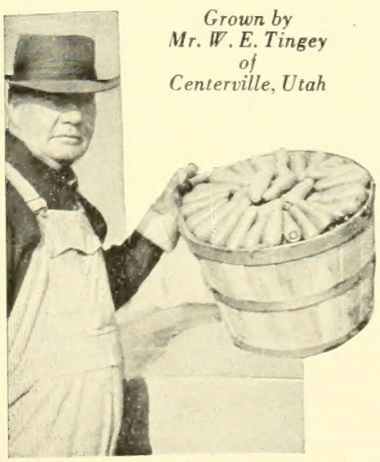
P.-W.'s Danish Ball Head

CARROTS

An ounce will sow 300 ft. of row; a packet, 60 feet; 2 to 4 lbs. an acre.

Chantenay, Sp. Long Type—70 days. It grows about an inch longer and has a smaller shoulder than Red Cored Chantenay. Our stocks are a highly refined Red Cored strain developed for a market gardener's bunching carrot. Pkt., 10c; oz., 35c; ¼ lb., $1.15; lb., $3.50; 10 lbs., $33.50.

Grown by Mr. W. E. Tingey of Centerville, Utah



P.-W.'s Chantenay Red Cored

Chantenay Red Cored—70 days. An improvement over the old style Chantenay, for market and canning. The flesh and core are reddish-orange, fine-grained, and tender. Pkt., 10c; oz., 35c; ¼ lb., $1.15; lb., $3.50; 10 lbs., $33.50.

Nantes (Coreless)—68 days. Used extensively for bunching and busheling. Very attractive, 6-7 in. long, smooth, cylindrical, and stump-rooted. They are entirely coreless and of exceptionally fine quality. Pkt., 10c; oz., 45c; ¼ lb., $1.35; lb., $4.00; 10 lbs., $38.50.

Supreme Half-Long—"A Red-Cored Danvers." A really fine carrot for both bunching and busheling. The tops are not too large, the roots are a good size and very attractive, deep orange in color, and quite smooth. Its small core is the same deep orange as outer flesh. Pkt., 10c; oz., 40c; ¼ lb., $1.25; lb., $3.75; 10 lbs., $36.50.

Imperator—77 days. An outstanding bunching carrot. The carrots are often eight inches long, smooth, somewhat tapering, and deep orange in color. We offer the pure strains. Pkt., 10c; oz., 40c; ¼ lb., $1.25; lb., $4.00; 10 lbs., $38.50.

Danvers Half Long—75 days. A heavy cropper for home and market garden. Roots, 6-8 in. long, about 1¾ in. in diameter, tapering to a blunt end. Flesh, bright orange, crisp and tender. Pkt., 10c; oz., 35c; ¼ lb., $1.15; lb., $3.50; 10 lbs., $34.00.

Oxheart (Guerande)—75 days. Thick and blunt-rooted, about 5 inches long, a rapid grower. Color, orange red. Pkt., 10c; oz., 30c; ¼ lb., $1.00; lb., $3.25; 10 lbs., $31.50.

Improved Long Orange—Roots scarlet orange. Heavy cropper. Pkt., 10c; oz., 30c; ¼ lb., $1.00; lb., $3.25; 10 lbs., $31.00.

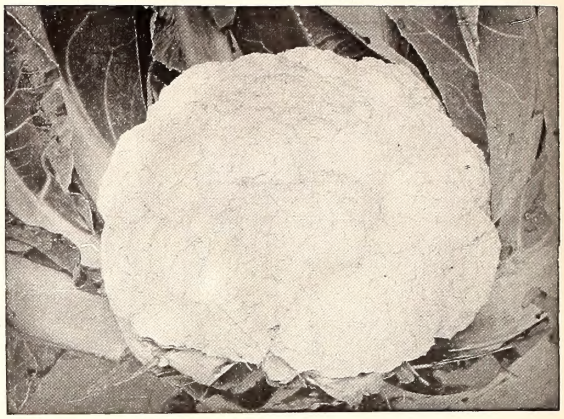
Mastodon or Short White—Most productive for stock feeding. ¼ lb., 60c, lb., $1.75; 10 lbs., $16.50.

CAULIFLOWER

One ounce of seed will produce 1,500 to 2,000 plants in open ground or about 3,000 in frames.

P.-W.'s Perfection (Super Snowball)—65 days. "No better seed can be bought at any price." It is adapted for either early or late Fall use. It possesses all the good qualities of the best Early Snowball strains. The leaves are longer and enfold closely over the heads. The inner leaves almost cover the snow-white heads, bleaching them nicely, thus avoiding the necessity of early tying of the leaves. Pkt., 10c; ¼ oz., $1.10; oz., $3.50; ¼ lb., $11.00; lb., $35.00.

New Snowdrift—Also known as "White Mountain" and "Improved Holland Erfurt," which our tests show are merely other names for this splendid variety. This strain will produce a more satisfactory yield under extreme weather conditions than any other Snowball strain we know. The heads are somewhat larger than the old type Snowball, and it matures with more evenness. Pkt., 10c; ¼ oz., $1.10; oz., $3.50; ¼ lb., $11.00; lb., $35.00.



P.-W.'s New Snowdrift

CAULIFLOWER PLANTS

Strong plants of **P.-W.'s Perfection** (Super Snowball) will be ready after April 15th. Dozen, 25c; 100, 75c; 500, $3.25; 1000, $5.75. If by mail, add extra 10c per dozen; 20c per 100 for packing and postage.

CELERY PLANTS

Strong plants from flats ready after May 15th of **P.-W.'s Improved Utah.** Dozen, 20c; 100, $1.10; 500, $5.00; 1000, $9.00. If by mail, add extra for postage and packing, 10c per dozen; 20c per 100.

P.-W.'s Improved Utah

CELERY

One ounce, 1,500 plants; half-pound to transplant an acre.

P.-W.'s Improved Utah—The far-famed Utah Celery so much in demand. 125 days. Developed by the local gardeners. Its superior qualities give it exclusive control of the local celery market. It has double the amount of heart of any known celery. The plant is beautiful in appearance, of close habit and compact growth, and blanches to a creamy white. Ribs perfectly solid, crisp and of a delicious nutty flavor. Our true strain produces the most uniform, large, compact plants of any stocks produced in Utah. Pkt., 10c; ¼ oz., 30c; oz., 90c; ¼ lb., $3.00; lb., $10.00.

Golden Self-Blanching—Of quick growth, easy and self-blanching character, combined with handsome appearance and crisp, sweet flavor. It is a good early Celery for home gardens and local market. Pkt., 10c; oz., 50c; ¼ lb., $1.50; lb., $5.00.

P.-W.'s Wonderful or Golden Plume—110 days. Rightly named "Wonderful." Distinct type, ten to twelve days earlier than Golden Self-Blanching and very much superior. Plants are very large in size, short, stout, stocky, and full of heart. Blanches easily. Pkt., 10c; oz., 50c; ¼ lb., $1.50; lb., $5.00.

CELERIAC—Turnip Rooted Celery

Giant Smooth Prague—This really delicious vegetable should be in every home garden. It is a kind of Celery which forms large bulb-like roots. The bulbs when cut into cubes, boiled and served with a cream sauce are delicious. It has a pleasant, nut-like celery flavor. Pkt., 10c; oz., 50c; ¼ lb., $1.50; lb., $5.00.

CHICORY

Asparagus or Radichetta—Fast growing annual; grown for tops which are used for greens; tender flower shoots also used. Also known as Italian Dandelion. Pkt., 10c; oz., 50c; ¼ lb., $1.50; lb., $5.00.

Large Rooted or Coffee—The roots, when dried, are used as a coffee substitute. The young leaves may be used in salad. Sow seeds early in spring in rows about 2 ft. apart. Roots grow 12-14 in. long and 2 in. thick at top, tapered. Pkt., 10c; oz., 50c; ¼ lb., $1.50; lb., $5.00.

CHIVES

An onion-like plant used as a salad and for flavoring soups. One sowing will answer for about three years. Pkt., 10c; ¼ oz., 65c; oz., $2.00.

Plants—Strong clumps, 3 for 50c; 10 for $1.50; add postage 15c for 3; 40c for 10.

FREE TRANSPORTATION—All vegetable and flower seeds **in this price list** except **Peas, Beans,** and **Sweet Corn,** will be sent prepaid by parcel post, express or freight **at our option.**

The above offer to pay transportation does not apply to Field and Grass seed, Potatoes, Onion Sets, Fertilizers, etc. Articles other than seeds listed in this catalogue are sent at **purchaser's expense** except where they are quoted **"Transportation paid."**

SWEET CORN

One pound will plant about 400 hills; a packet, 100 hills; 12 lbs. an acre.

PROVEN HYBRIDS

The advantages of Hybrid Sweet Corn are: Uniformity in maturity dates. Disease resistant and higher yielding. Trueness of type and excellence of flavor. Greater drouth resistance because of their deeper and more abundant root systems.

Caution: To produce Hybrid Sweet Corn, crosses between an inbred strain and a standard variety or crossing two inbreds must be done each year. Seed saved from hybrids will not come true to type the following year.

Marcross C6.13 — Early hybrid. The 5-foot stalks produce 8-inch, 10 to 14-rowed, golden yellow ears well filled to the tip in 74 to 77 days, or almost as early as Golden Early Market. As both parents are highly disease-resistant, Marcross C6.13 is doubly protected against disease. Usually over 85 per cent of the ears are marketable. Not prepaid—10 lbs., $3.50; 50 lbs., $17.00; 100 lbs., $33.00.

Bancross C13—80 days. This is a top cross between Improved Golden Bantam and inbred of the Golden Early Market, giving this variety increased earliness of the Early Market and retaining the good points of the Improved Bantam. Stalks grow 5 feet high and bear good roasting ears 80 days from planting. Not prepaid—10 lbs., $3.50; 50 lbs., $17.00; 100 lbs., $33.00.

Marcross C6.13
A leading early Hybrid Sweet Corn

Golden Cross Bantam—93-95 days. The most prolific of the yellow sweet corns; produces at least 40% more good marketable ears than ordinary stocks. The ears are considerably larger than Golden Bantam, containing 10 to 14 rows of kernels, slightly lighter in color. The plant is sturdy, with broad, dark green leaves. Not prepaid—10 lbs., $3.40; 50 lbs., $16.50; 100 lbs., $32.00.

Ioana—Large Eared — Midseason — Wilt Resistant Hybrid — 86 days. The ears are large, slightly tapering, mostly 8 to 9 inches long with 12 to 14 rows of creamy yellow, medium deep kernels, which fill the ear well at the tip. These ears are of fine quality, being sweet and tender. The plant is tall and strong and is resistant to Stewart's Disease (wilt). In some sections where large crops of sweet corn are grown for market, some growers prefer it even to Golden Cross Bantam. Not prepaid — 10 lbs., $3.40; 50 lbs., $16.50; 100 lbs., $32.00.

Succession Offer No. 9-A

Consisting of 1 packet each of the four Hybrid Sweet Corn Varieties described above; insuring fresh roasting ears over a long period, postpaid..... 65c

Hybrid Corn Prices, Postpaid (any of above)—Pkt., 20c; 1 lb., 50c; 2 lbs., 90c; 5 lbs., $2.00.

OPEN-POLLINATED VARIETIES

Golden Bantam (True 8-rowed stock)—72 days. America's most popular sweet corn. Eight rows of even, broad, fairly deep golden kernels of most delicious flavor. Ears, 7-8 inches long; stalk averages 5 ft. An excellent selected northern strain, hardy and well known.

Improved Bantam—67 days. About a week earlier than the 8-row Bantam and equal in flavor. Ears 6-7 inches in length, with 10-12 rows of deep yellow kernels. Produces well under adverse conditions. Fine for garden and market.

Golden or Bantam Evergreen (Also called Golden Rod)—89 days. Cross between Stowell's Evergreen and Golden Bantam. Plants, 6-7 ft. high; ears 8-10 inches in length, filled with 12-14 rows of medium width kernels, tender and of excellent flavor. It is the most important open-pollinated late variety, appearing on the market when most other yellows are over-mature.

Country Gentleman—97 days. A prolific variety of excellent quality. Stalks often produce 2 ears, and the kernels are very deep, slender, sweet, with tender hull, and set irregularly without row formation. Not prepaid—10 lbs., $1.60; 50 lbs., $7.50; 100 lbs., $14.00.

Golden Sunshine—65 days. The ears are medium long and plump, 7-8 in. and 10-12 rows of fine quality corn. Plants, 5-5½ ft. tall with one to two ears per stalk. This is one of the earliest; our tests showed within a day or two of Golden Early Market. It possesses a superior flavor.

Stowell's Evergreen—98 days. The best known late white variety. The ears are about 7-8 inches long, 14-20 rowed. Kernels are clear white, deep, rather broad, sweet and tender. Recommended for home use, market growers and canning. Not prepaid—10 lbs., $1.60; 50 lbs., $7.50; 100 lbs., $14.00.

Prices, Open-Pollinated Sweet Corn (except where noted)—Postpaid, Pkt., 10c; 1 lb., 35c; 2 lbs., 60c. Not prepaid—10 lbs., $1.50; 50 lbs., 7.00; 100 lbs., $13.00.

Golden Early Market—63 days. An important home and market garden variety. Ears 6-7 in.; 12-14 rows of close-fitting kernels. Plants grow 4½-5 ft. tall. Tests show this to be the earliest large sweet corn of golden color. Kernels golden yellow, medium, tender, sweet and of good flavor.

POP CORN

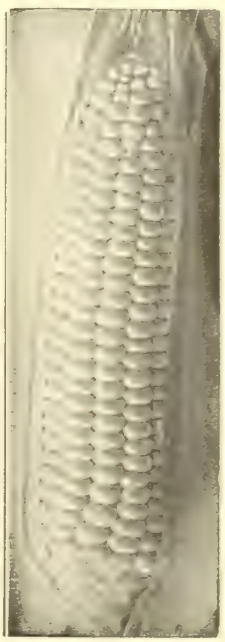
Hulless or White Rice—Early variety with thin skin on kernels. Tender when popped and of finest quality. Pkt., 10c; lb., 25c; 2 lbs., 45c. Postpaid.

Protect Your Sweet Corn
from the ravages of corn ear worm by using
Earworm-o-cide
See page 45

Feed Your Garden Crops with

VIGORO
Complete plant food

See page 44

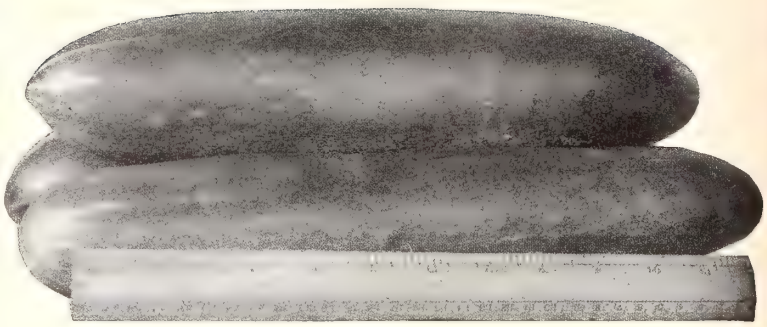


Golden Early Market

CUCUMBERS

One packet will plant 20 hills; ounce, 75 hills; 2 to 3 pounds an acre.

Colorado—60 days. The finest slicing cucumber. Beautiful, long, slender, dark green fruits, 9-12 in. long, that bring the highest prices on the critical markets. Popular because of its fine shape and intense color, which is maintained longer than that of most varieties. A heavy yielder. Pkt., 10c; oz., 30c; ¼ lb., $1.00; 1 lb., $3.00.



Colorado—the Finest Slicing Cucumber

A & C—Long, slender, dark green. This new cucumber has rapidly become very popular. The cucumbers are 8 to 9 inches long, well proportioned, smooth and dark green in color. They make a very fancy pack. The vines are strong, healthy, and productive. Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., $2.50.

Improved Long Green—62 days. Very vigorous and productive. Friuts long, uniformly slender, beautiful dark green. The stock we offer is second to none. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., $2.25.

Davis Perfect—Our stock of this improved strain of White Spine is very fine. The fruit is of good length, straight, tapering at both ends, very deep green, and of fine quality. Matures a little later than Early Fortune. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., $1.75.

Boston Pickling—Very productive, extensively grown for pickles. Very smooth and symmetrical—flesh crisp and tender. It continues to be the most popular for home use. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., $1.75.

Early Fortune—Retains its popularity as the second earliest shipping Cucumber. It holds its dark green color and remains edible longer than most any white spine variety. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., $1.75.

Klondike White Spine — 58 days. Dandy long-distance shipper and very popular for pickling purposes. The deep green color holds well. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., $1.75.

Lemon—Used for pickles and salads. Pkt., 10c; oz., 25c; ¼ lb., 75c.

P.-W.'s Longfellow Cucumber—74 days. Fruits average 12-14 in. in length by 2½ in. in diameter; dark green. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., $2.25.

Straight Eight—A very prolific long white spine. Popular because of the large yield of fine straight cucumbers, which are 8 to 9 inches long, smooth and somewhat blunt ended. The color is medium dark green. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., $2.25.

West Indian Gherkin—50 days. It is quite distinct from Cucumber; is used for very small pickles. Fruits are about 2 in. long, 1 in. in diameter. Pkt., 10c; oz., 25c.

COLLARDS

Georgia Southern or Creole—This is a tall, loose-leaved cabbage-like plant. Grown for table greens and for stock or poultry feeding. Sow seed early in rows and transplant or thin to 4 in. in the row. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

CRESS

½ ounce to 100 feet of row.

Splendid for salad, garnishing. Sow seed one foot apart in open ground. Sow often for succession, as it soon runs to seed.

Extra Curled or Pepper Grass—The leaves of this small salad are much frilled or curled, and are used for garnishing. Pkt., 10c; oz., 35c; ¼ lb., $1.00; lb., $3.00.

GARLIC

The bulbs should be separated into flakes or "cloves," and planted like onion sets. Bulbs for planting—lb., 50c; 5 lbs., $2.25.

For Earlier Cucumbers, Egg Plants, Melons, Peppers and Tomatoes, use—

HOTKAPS—An Individual Hothouse for Every Plant!

See full details on page 47

ENDIVE

One ounce, 300 feet; 4 to 5 pounds per acre.

A salad vegetable valuable for Winter use. Sow in June or July, in rows, and thin to about six inches.

Broad Leaved Batavian—Broad, more or less twisted and waved green leaves with thick white mid-ribs. Unsurpassed for salad. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., $1.50; 10 lbs., $13.50.

Green Curled—Very curly. The mid-ribs being wide and whitish, with the outer edges very much indented. Very attractive. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., $1.50; 10 lbs., $13.50.

HORSE RADISH

Sets should be planted small end down and covered with two inches of soil in rows and set 15 to 20 apart.

Maliner-Kren — This is considered superior to common Horse Radish. 35c per doz.; $1.50 per 100.

EGG PLANT

One ounce grows 1000 plants.

Black Beauty—Earliest and best of all large fruited Egg Plants. The grand, large fruits are thick and most attractive; deep and rich color. Pkt., 10c; oz., 50c; ¼ lb., $1.60; lb., $5.00.

Plants—Black Beauty plants grown in flats will be available after April 15th. Dozen, 30c; 100, $1.20; 1000, $10.00. If by mail, add 10c per dozen extra for postage

Black Beauty Egg Plant

LETTUCE

An ounce of seed will sow 250 ft. of row; about 2 lbs. an acre.

Lettuce Imperial No. 847—This new Imperial strain is especially fine for late Spring and Summer growing. It is a black seeded variety that shows a remarkable resistance to heat. In a very few years it has become the leading sort with commercial shippers on the Coast and fields in Salt Lake Valley have proved really outstanding. Plants, medium sized, low growing, and compact. Large, firm heads, dark green, and of fine quality. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., $2.25; 10 lbs., $21.50.

Imperial No. 44—Surest Heading "Iceberg" Lettuce—This new lettuce has proved to be the outstanding "Iceberg" Lettuce to grow. It is the variety which does best on a wide range of soils, both upland and muck, especially on muck. Not only does it head better than any other strains, but has shown definite resistance to tip burn. Try Imperial 44 this year. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., $2.25; 10 lbs., $21.50.

Imperial No. 152—Very sure heading type which can be used under a wide range of conditions. Like other Imperial varieties, it is a head lettuce, suitable for long distance shipment. Plants rather light green, spreading, forming very firm round exposed heads. Resistant to brown blight. Pkt., 10c; oz., 25c; ¼ lb., 90c; lb., $2.75; 10 lbs., $26.00.

P.-W.'s N. Y. Lettuce No. 12—77 days. A single plant selection from the regular New York or Los Angeles market strain. It is early, makes large, solid heads, uniform in maturing. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., $2.25; 10 lbs., $21.50.

Hanson—A hardy sort and good for late spring and midsummer as it resists heat. Plants large with thick leaves, frilled, yellowish green. Heads globular, white at heart, crisp and tender. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., $1.75.

Loose Leaf Lettuce

Black Seeded Simpson—45 days. This is one of the best; leaves large, thin, and exceedingly tender.

Early Curled Simpson—45 days. A popular early sort, forming a large, loose head.

Prizehead—47 days. Large, loose headed sort; leaves tinged with brown, very heavy.

Prices on any of above—Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., $1.50.

Cos or Romaine Lettuce

Trianon—66 days. The best of this type. Forms large, light green plant with head well folded, quite solid. The flavor is different from ordinary and esteemed by many. Tie plants to blanch them or plant closely, 5 inches apart. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., $1.75.

HERBS—Aromatic and Sweet

Every garden should have a few herbs. Sow early in the spring in carefully prepared soil.

Anise (15")—Seeds and leaves for flavorings.

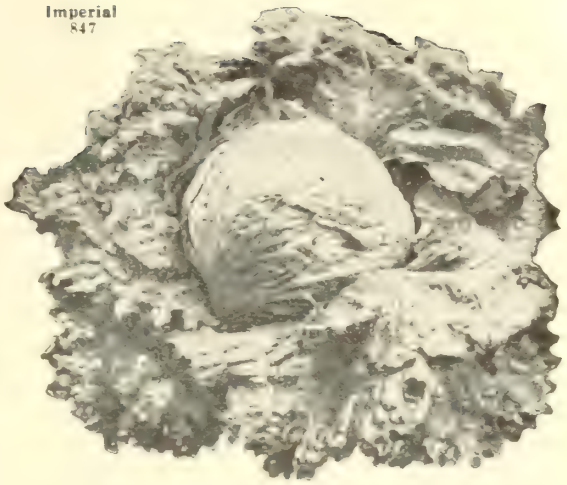
Caraway (15")—Seed used to flavor breads, etc.

Catnip (20")—Leaves used for flavoring.

Coriander (30")—Seed used in bread and confectionery.

Dill (36")—Seed used in soups and stews. Most used for pickling. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., $1.50.

Dwarf Curled Scotch Kale



Imperial 847

Horehound—Foliage and roots used for flavoring.

Sweet Marjoram (24")—Used for salads and dressings.

Rosemary—Used for garnishing and flavoring.

Sage—(See page 16.)

Summer Savory (12")—Leaves flavor salads, dressings, etc

Thyme (10")—Leaves used to flavor soups, stews, sauces, dressings, etc.

Prices of above, except where noted, Pkt., 10c.

MUSHROOM SPAWN

Mushrooms may be grown by anyone having a shed or cellar where a temperature of 50 to 60 degrees is evenly maintained. Ask for free cultural directions leaflet.

Pure Culture Spawn—One brick, 35c; 5 bricks, $1.50; 10 bricks, $2.50; postpaid.

MUSTARD

An ounce plants 50 feet of row.

Excellent greens cooked the same as Spinach. Sow in drills early in the Spring, and at intervals during the Summer.

Giant Southern Curled—Curled leaf, large.

Fordhook, Fancy—Beautiful dark green curled leaves with a very mild, pleasant flavor.

Any of above—Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., $1.25.

KALE

One packet for 100 ft., 2 lbs. per acre.

A species of cabbage. The leaves are cooked as greens; not injured by frosts. Sow in September in same manner as Spinach.

Dwarf Curled Scotch—Grows very low and compact, with large, bright deep green leaves curled, cut and crimpled. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., $2.25; postpaid.

Tall Green Early Scotch—Very hardy, not injured by March frost. About 30 inches tall. Pkt., 10c; oz., 20c; ¼ lb., 70c; lb., $2.00.

KOHL RABI

One ounce of seed sows 300 feet of row.

Sow in rows 18 inches apart, cover ½ inch, and thin to 6 inches apart in the row.

Early White Vienna—Very early, small tops, light green; bulbs medium size, best quality.

Early Purple Vienna—Bright purple bulb, leaves and stems green, tinged purple.

Either of above—Pkt., 10c; oz., 60c; ¼ lb., $1.75; lb., $5.00.

LEEK

Seed should be planted in June for good plants in the Fall or Winter.

Giant Musselburgh—Best variety, having good thick stems which are also long, vigorous and mild flavored. Pkt., 10c; oz., 85c.

MUSKMELONS OR CANTALOUPES

A packet of seed will plant about 15 hills; an ounce, 75 hills; 2½ lbs. an acre.

Hales Best No. 36

Hales Best No. 36—85 days. Size 5½ x 5½", weight about 3 lbs. Shape, slightly oval and very uniform. Desirable for any purpose—home, garden, roadside stands, and shipping. Flesh, pink, very thick, richly flavored.

Resistant No. 45 (Also called "Imperial No. 45" and "H. B. No. 45")—86 days. Size 6 x 5½", weight about 4 lbs. It is not only resistant to powdery mildew and the ideal shipping melon, but it is rapidly becoming a leader everywhere. Seed cavity is small, flesh, thick and deep colored, delicious flavor. The fact that the seed cannot be jarred loose and remains edible and really better 10 days after picking, makes it a most desirable shipper.

Honey Dew (Gold Rind, Green Flesh)—110 days. Excellent for roadside stands because of attractive color. Very popular because of its honey-like flavor. Fruits are round, about 7 in. in diameter, smooth and hard, suitable for long-distance shipping. Excellent keepers. The thick, green flesh is sweet and tender.

Hearts of Gold Improved—88 days. A fine shipping melon as well as general purpose. Medium size, round, and well netted. Flesh orange-yellow, excellent flavor, firm, and holds up well. Pkt., 5c; oz., 15c; ¼ lb., 55c; lb., $1.75.

Hales Best No. 936—87 days. This is the Jumbo. It serves well those who desire a large melon of this type.

Rocky Ford (Green Flesh)—95 days. Popular everywhere. Spicy flavor difficult to improve.

CASABA MELONS

Cultivate same as other melons, but do not water too freely after first setting of fruit is fully grown.

Golden Beauty—105 days. Most popular of the Casabas. It has a golden color when mature, with a wrinkled skin. Flesh is white, sweet, and spicy.

Improved Hybrid—105 days. A large sized Casaba, quite similar to Golden Beauty. An excellent kind.

Prices on all of above, except where noted—Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.50; 10 lbs., $14.00.

WATERMELON

A packet of seed will plant about 8 hills; an ounce, 25 to 30 hills; 2 to 3 lbs. will plant an acre.

Dixie Queen—85 days. An enormous yielder. Melons are round to oval, skin striped light and dark green; fruits are large; flesh, dark pink of splendid quality. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., $1.25; 10 lbs., $11.50.

Kleckley Sweet No. 6 (Wilt Resistant)—88 days. A selected type which has proven almost fully resistant to wilt. Slightly smaller than "Improved Kleckley Sweet," but otherwise identical. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., $1.00; 10 lbs., $9.50.

Citron (Red Seeded)—Used for preserves.

Striped Klondike No. 11—90 days. A new selection of the attractive and universally popular shipping melon which carries the highest sugar content of any commercial variety. The rind is thin, but strong; the flesh is solid and a bright red. Average weight is 30 lbs., slightly larger than the parent strain. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., $1.25; 10 lbs., $11.50.

Green Klondike—90 days. Solid dark green, showing light ribs running lengthwise. Truly delicious. For size and shape see cut of "Striped No. 11." Both **black** and **brown** seeded. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., $1.25; 10 lbs., $11.50.

Early Kansas—85 days. Fine for local markets or home gardens. Fine texture, sweet flavor; flesh rich red, shape nearly round; dark green with lighter stripes.

King and Queen (Winter)—85 days. An excellent shipper. Flesh is sweet and of fine texture. When properly stored, they remain edible for several months. The color is light cream with faint irregular green stripes. Seeds are quite small and very black.

Stone Mountain—85 days. Combines large size with earliness. Weight 50 lbs. or over, broad oval in shape, with crimson flesh. Fine for home or market.

Price, any of above, except where otherwise noted—**Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., $1.00; 10 lbs., $9.50.**

Striped Klondike No. 11

OKRA OR GUMBO

A packet of seed will sow 15 ft. of row; an ounce, 50 ft.

Dwarf Green—50 days. Early dwarf growing variety with dark green pods. Its early maturity and good quality make it popular with market growers.

Clemson Spineless—55 days. An improved Perkins long-podded type. Awarded All-America silver medal in 1939. A very uniform spineless strain; straight pods rich green.

Price of above—Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

ONIONS

A packet of seed will sow about 25 feet of row; an ounce, 125 feet; 4 to 6 lbs. an acre.

Sweet Spanish (Utah Strain)—Hundreds of carloads of Sweet Spanish Onions are dispatched from Northern Utah districts every season. The importance of onions as a major Utah crop necessitates great care in the selection of a superior strain. Today "Utah Strain" is universally acclaimed for its excellence. Its superiority lies in its deep yellow color, uniformity of shape, trueness to type, and fine keeping qualities. They grow large in size with a heavy outside skin and white flesh that is very mild and sweet. Growers know it as the most profitable strain because of heavy yields—20% more marketable onions per acre are not uncommon—and freedom from bottlenecks. Pkt., 10c; ½ oz., 70c; oz., $1.35; ¼ lb., $4.00. Write for quantity prices.

Sweet Spanish (Utah Certified)—Same as above. Sealed and certification tags atached. (One pound minimum sale), lb., $15.00. Write for quantity prices.

P.-W.'s Mountain Danvers (Also called Oregon Danvers)—A large, semi-globe shaped onion well adapted to high altitudes and short season. It is particularly notable for its hard bulb with thick skin and its excellent storage quality. Pkt., 10c; ½ oz., 45c; oz., 80c; ¼ lb., $2.50. Write for quantity prices.

Crystal White Wax—Very large, white onion of the Bermuda type. The sweet, mild flavor and large size make it a ready seller on any market. Pkt., 10c; ½ oz., 50c; oz., 90c; ¼ lb., $2.60.

Southport White Globe—A fine white onion. The bulbs are round, medium large, solid, and pure white. The flesh is waxy white, fine grained, and mild. Keeps well in fall storage. For large market growers, it always commands the highest prices. Pkt., 10c; ½ oz., 50c; oz., 90c; ¼ lb., $2.60.

View of one of our seed production fields of Utah Strain—Sweet Spanish Onion, located at Centerville.

HOW TO GROW VEGETABLES

Catalog space will not allow for complete cultural information. However, we are pleased to tell our customers of an excellent book costing only 25c that fully covers this subject. See page 4.

ONION PLANTS

It is uncertain as we go to press with this catalog, just what varieties of Onion Plants will be available. We expect to furnish Crystal Wax (White Bermudas), Sweet Spanish and White Sweet Spanish.

Onion Plants

Price—10 bunches (about 1000 plants), $1.50; Full crate (about 6000 plants), $7.00. Purchaser pays transportation. Weight per 1000, 6 lbs. Write for prices on larger lots.

The above plants are tied in bunches of about 100 plants; 60 bunches (about 6000) make a full crate.

NOTE—Onion plants can be supplied between April 15th and May 15th only. These plants can be ordered at any time for shipment between the above dates. Please state on the order when you want the plants sent.

P.-W.'s White Sweet Spanish

P.-W.'s White Sweet Spanish—Similar in shape, size and habits of growth to P.-W.'s Sweet Spanish Onion. It has a beautiful white skin which makes it a desirable onion for market. The flavor is unusually sweet and mild. A fairly heavy yielder and the bulbs sell for the top market prices. Pkt., 10c; ½ oz., 55c; oz., $1.00; ¼ lb., $3.00. Write for quantity prices.

Yellow Globe Danvers—A popular strain of Yellow Globe. It is hardy, heavy cropping and keeps well in storage. Bulbs medium large, round, yellow, firm. Flesh white, with slight yellow tone. Pkt., 10c; ½ oz., 50c; oz., 90c; ¼ lb., $2.60. Ask for quantity prices.

Barletta—The best extra early small variety for pickling and green bunchings. Bulbs are small, flat, pure white, of mild, sweet flavor. Sow about 50 lbs. per acre. Pkt., 10c; ½ oz., 50c; oz., 90c; ¼ lb., $2.60; lb., $8.00. Write for quantity prices.

Southport Red Globe—The leading red onion. Globe-shaped, deep purplish red. Pkt., 10c; ½ oz., 50c; oz., 90c; ¼ lb., $2.60. Write for quantity prices.

Southport Yellow Globe—Medium sized, splendid yellow globe, sure keeper. Pkt., 10c; ½ oz., 50c; oz., 90c; ¼ lb., $2.60. Write for quantity prices.

White Portugal or **Silverskin**—An all-purpose variety used in great quantity. Excellent for sets, pickling, green bunching, or for storage. A dependable cropper. Pkt., 10c; ½ oz., 50c; oz., 90c; ¼ lb., $2.60. Write for quantity prices.

ONION SETS

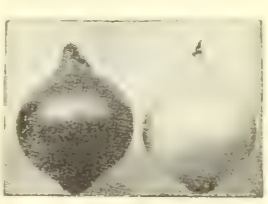
A quart (1 lb.) will set 75 to 100 feet of row.

Early onions may be grown from these sets planted in March and April. When ready to use, take up every other one as needed, allowing the balance to make mature bulbs.

Yellow Sets—1 lb., 30c; 10 lbs., $2.75; 50 lbs., $12.50.

White Sets—1 lb., 30c; 10 lbs., $2.75; 50 lbs., $12.50.

Above prices do not include postage; if by mail, add extra at zone rates. Write for quantity prices.



Onion Sets

PEAS

A packet of seed will sow about 10 feet of row, a pound, 100 feet; 100 to 200 pounds an acre.

Dwarf Alderman—74 days. A true large-podded Alderman type with dwarf sturdy vines. Becoming very popular for main crop. The dark green pods are most attractive and command the highest prices. Vines, 20 in.; pods, 4½ in., dark and pointed. Not prepaid—10 lbs., $1.90; 25 lbs., $4.50; 100 lbs., $17.00.

Little Marvel—62 days. An outstanding early dwarf pea for home gardens. Vines 18 in. tall, vigorous, and heavily laden with pods 3 in. long, blunt. They are very attractive peas and are esteemed for their high table quality. The peas are fairly large at table stage. Not prepaid—10 lbs., $1.90; 25 lbs., $4.50; 100 lbs., $17.00.

Laxton's Progress—63 days. Produces the largest pods of any of the early dwarf varieties. Popular for long-distance shipping, also for home and market gardeners. We offer a very superior strain of this leading variety. Ordinarily two pickings will clean the vines. Vines, 18 in. tall; pods, 4½-5 in. long, containing 7-9 large, tender peas. Not prepaid—10 lbs., $2.00; 25 lbs., $4.75; 100 lbs., $18.00.

Stratagem—80 days. Fine late variety for home gardens, market growers, and long-distance shippers. 24 in. vines; 4½ in. pods; color, dark green. A very fine variety and a heavy yielder. Not prepaid—10 lbs., $1.60; 25 lbs., $4.50; 100 lbs., $17.00.

Hundredfold (Also called Laxtonian and Blue Bantam)—63 days. Dark pod strain. Large blue-green pods, 4½ in. long on dwarf 20 in. dark green, stout vines. Its dwarf habit and large pods containing 6-8 delicious peas, combined with its extreme earliness and heavy production make Hundredfold an outstanding home and market garden pea. Not prepaid—10 lbs., $2.00; 25 lbs., $4.75; 100 lbs., $18.00.

Dwarf Alderman

COLLECTION FOR SUCCESSION

These varieties will produce continuous pickings from early to late: Alaska, Little Marvel, Laxton's Progress, Dwarf Alderman, and Stratagem.

OFFER 14A (one packet each of above), postpaid..... **$ .60**

OFFER 14B (one pound each of above), postpaid..... **$1.50**

OTHER EARLY VARIETIES

Alaska—60 days. Very early, smooth-seeded canning or garden variety. Vines, 30 in.; pods, 3 in., containing 5 to 8 peas. Not prepaid—10 lbs., $1.70; 25 lbs., $4.00; 100 lbs., $15.00.

Thomas Laxton—62 days. A superior early pea which retains its pleasing flavor and sweetness until it begins to harden. Excellent canning, home, or market sort. Vines, 2½ ft. tall; pods, 3½ in., dark, and blunt. 10 lbs., $1.90; 25 lbs., $4.50; 100 lbs., $17.00.

World's Record—61 days. The earliest wrinkled sort, replaces Gradus. Popular for its large size and excellent quality of peas. Not prepaid—10 lbs., $2.10; 25 lbs., $5.00; 100 lbs., $19.00.

OTHER MEDIUM AND LATE VARIETIES

Bliss Everbearing—76 days. Popular home garden sort. Vines, 30 in. tall; dark green, thrifty, of long bearing period. Pods, 3 in. long, blunt. Not prepaid—10 lbs., $1.90; 25 lbs., $4.50; 100 lbs., $17.00.

Dwarf Telephone (Dark Podded)—74 days. We now are able to furnish this variety with the dark green vines and pods. Not prepaid—10 lbs., $1.90; 25 lbs., $4.50; 100 lbs., $17.00.

Number 40—Resembles Stratagem, but 4-5 days earlier; adapted particularly for shippers and market gardeners. Pods dark green, pointed, about 5 in. long. Not prepaid—10 lbs., $2.10; 25 lbs., $5.00; 100 lbs., $19.00.

Perfection—An old variety long used for home and canning uses. Today it is more important as a canning variety. Well adapted for a rich soil. Not prepaid—10 lbs., $1.60; 25 lbs., $3.75; 100 lbs., $14.00.

Postpaid Prices: Any of above varieties—Pkt., 15c; lb., 40c; 2 lbs., 70c; 5 lbs., $1.50.

Laxton's Progress

INOCULATE ALL LEGUMES WITH NITRAGIN The Original Legume Inoculator

Increase your yield and build up the soil at the same time by inoculating seed peas and all other legumes with Nitragin. 30-lb. size, 25c; 60-lb. size, 35c; 100-lb. size, 50c; 750-lb. size, $3.50; prepaid.

PARSLEY

1 oz. 150 feet of row
3 to 4 lbs. per acre

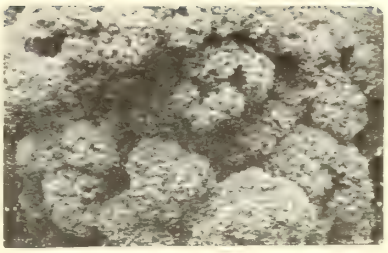
Paramount—Award of Merit, A.A.S., 1935. Very compact with deep, dark green, triple-curled leaves. Plants 12 inches tall and very uniform. Noted for hardiness and ability to hold color; produces no flat leaves.

Champion Moss Curled—A vigorous compact sort. Deep green color and attractive foliage. One of the best for market or home use.

Double Curled—A standard dwarf variety, having deeply cut and curled leaves.

Hamburg (Rooted)—Fleshy roots resembling parsnips. Flesh, white. Roots may be dug and carried through winter like turnips. 100 days.

Prices, all of above—Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., $1.00; 5 lbs., $4.75.



Champion Moss Curled Parsley

PARSNIPS

1 oz. for 100 feet
5 to 6 lbs. per acre

Ideal Hollow Crown—Our strain of Hollow Crown is the thick shouldered type particularly fine, smooth and regular. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.25; 10 lbs., $11.50.

New Harris White Model—This is considered by all market gardeners who have tried it, an improvement over the Hollow Crown. It is of medium length, smooth, and pure creamy white. The absence of side roots and the ease with which it is harvested are excellent points in its favor. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., $1.35; 10 lbs., $12.50.

New Harris Model Parsnip

PUMPKINS

1 oz. 20 hills
3 lbs. per acre

Connecticut Field (Big Tom)—Large orange colored fruits, flat on the ends with smooth, hard rind. For canning or pies, also used largely for stock feed. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 10 lbs., $7.00.

Dickinsons—We are convinced this is the finest pumpkin for canning and feeding. It has a high protein content and flesh twice as thick as Kentucky Field or Large Cheese varieties, which it should replace. It can be canned without the addition of sugar or starch. The deep gold flesh is a very pretty sight. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00; 10 lbs., $9.00.

King of the Mammoth—Also called "Jumbo" or "Potiron." This is the largest pumpkin. Flesh is thick, yellow, and fine-grained. Used principally for exhibition and stock feeding. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.25; 10 lbs., $11.50.

Sugar Pie Pumpkin—A handsome and productive small pumpkin, ten to twelve inches in diameter; flat-round, skin orange. Flesh deep yellow of fine grain and very sweet. Wonderful for pies; in fact, this is the celebrated New England Pie Pumpkin. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00; 10 lbs., $9.00.

Sugar Pie Pumpkin

PEPPERS

1 oz. per 1000 plants

California Wonder (Special Stock)—Has all the qualities desired in a stuffing pepper. Average 4 inches in length and 3½ inches in diameter. A fine, sweet and tender pepper with very thick walls. Smooth, glossy, green fruits, changing to crimson when ripe. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., $1.50; lb., $4.50.

California Wonder XXX Strain—This is a remarkable deluxe strain. Pkt., 10c; ½ oz., 45c; oz., 80c; ¼ lb., $2.50; lb., $8.00.

California Wonder

Chinese Giant—A large pepper, yielding enormously Fruits are a rich dark green, turning to scarlet red when ripe. Thick, mild, and sweet flesh. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., $1.65; lb., $5.00.

Anaheim Chili—A hot late variety, popular because of its agreeable pungency. Fruits are 6-8 inches long, 1 inch wide, tapered; deep green changing to scarlet.

Long Red Cayenne—Strong and pungent; fruits about 5 in long and ¾ in. thick, tapering. Especially fine for drying.

Neapolitan—Very early, extremely mild and sweet. Meas ures about 4 in. long and 2 in. wide. Yellowish green changing to red when mature.

Pimento—The sweetest pepper grown, as it does not con tain the slightest trace of fieriness. Fruits heart-shaped There is a big opportunity for growing this variety Meat and cheese packers are needing large quantities for making pimento loaf and processed cheese, etc.

Red Chili—Small, bright red, hot and pungent. About 2 in. long and ¼-½ in. wide.

Any of above, except where especially priced—Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., $1.15; lb., $3.50.

PEPPER PLANTS — Chinese Giant, California Wonder and Red Chili plants. **35c per doz.; $1.25 per 100; postpaid. Not prepaid—25c doz.; $1.00 per 100; $9.00 per 1000.**

For bumper crops use P.-W.'s Mountain Grown Potatoes

POTATOES

10 lbs. 100 feet of row — 800-1000 lbs. per acre

Seed Potatoes

Bliss Triumph—Early. Tubers nearly round, smooth, reddish-pink, with shallow eyes. They yield enormous crops.

Early Ohio—Very early. Skin light reddish-pink and smooth.

Idaho Russet—The best baking potato. Its pearl white, dry and mealy flesh cannot be surpassed. Late maturing.

Irish Cobblers—The leading early, round, white potatoes.

Prices Subject to Change—Potato prices are subject to market changes, so ask for lowest prices by letter.

Imp. Semesan Bel—Controls seed-borne Rhizoctonia and scab. 2 ounces will treat 6 to 8 bushels. Prices—2 oz. pkg., 30c; 1 lb., $1.65; 5 lbs., $7.15.

TREAT WITH QUICK, EASY
SEMESAN BEL
DIP FOR LARGER POTATO CROPS

P.-W.'s Early Scarlet Globe

RADISHES

1 oz. 50 feet of row — 3-4 lbs. per acre

Comet (Long Standing)—We are proud to offer this fine round radish to our trade. It is the brightest colored of all table radishes and stays in condition longer without becoming pithy. Color is clear, solid scarlet. Ideal for market garden use.

P.-W.'s Sparkler—The radishes are round, brilliant scarlet with white bottoms. Ready for the table in 20 days from planting. Valuable for forcing under glass, as well as for the open. Skin very smooth, and its color gives it an appetizing appearance.

French Breakfast—24 days. A splendid variety, medium-sized, olive-shaped, very crisp and tender; scarlet color with white tip.

Early Scarlet Globe (Medium Top)—It is preferred for general outdoor culture where a good top is desired for bunching. Rich scarlet color; tender, mild flavor. Bred for uniformity of slightly oval globes. Crisp white flesh of splendid quality.

Icicle—The most popular of all long radishes. Pure white, slender, and tapering in shape. The flesh is crisp; always tender, and of splendid flavor. 27 days.

Radish Prices—Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., $1.00; 10 lbs., $9.00; 100 lbs., $85.00.

Winter Varieties

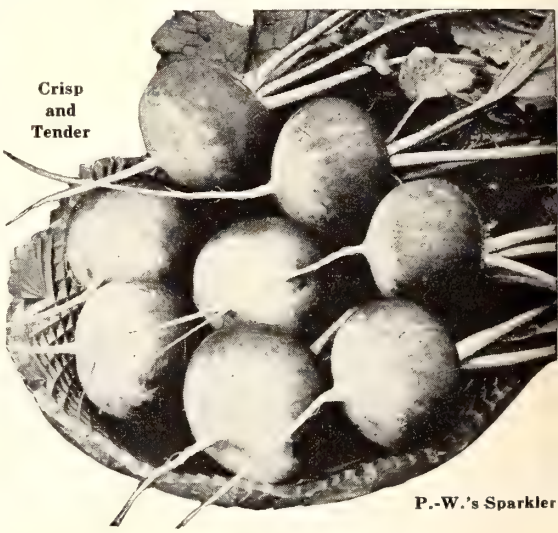
Seed for winter radishes should be sown about the first of August. For winter use, the roots should be pulled and packed in damp sand and stored in a cool cellar.

Chinese Rose—Half-long, flesh pink, solid.

Long Black Spanish—Roots black.

Celestial or White Chinese—Pure white, firm.

Price, any of above—Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., $1.00.



P.-W.'s Sparkler

RHUBARB OR PIE PLANT

1 oz. of seed will sow 100 ft. of row

Victoria—Very large and tender. The best variety to plant from seed.

Seed—Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., $2.00.

Roots—15c each; $1.25 per doz., $10.00 per 100.

New Giant Cherry Rhubarb—Splendid new type. It produces very large stocks of a decided cherry-red color which, for market purposes, commands a higher price than the less colorful types. Propagated from divisions only. Strong roots, 25c each; 3 for 65c, postpaid. Not prepaid, 18c each; $1.80 per dozen; $12.00 per 100. Postage extra, 5c per root.

SAGE

An indispensable perennial much in demand for adding flavor to many different kinds of dishes. Used either fresh or dry. Pkt., 25c; ½ oz., $1.75; oz., $3.00. Large plants, 3 for 75c; 10 for $2.00. Postage extra, 40c for 10.

SALSIFY

Cultivate the same as carrots. Can remain in the ground all winter for early spring use.

Mammoth Sandwich Island—Grows to a very large size and resembles a good-sized parsnip. Mild and delicately flavored; very popular. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., $1.80.

Bloomsdale Long Standing

SPINACH

¼ lb. seed will sow 200 ft.; 12 to 20 lbs. an acre.

P.-W.'s Improved Long Standing Bloomsdale Savoy-Leaved—We offer a wonderfully well-bred strain. Large, deep green, well crumpled leaves which produce enormous crops and stand a long time without bolting a seed. We recommend this variety to spinach growers who demand only the finest.

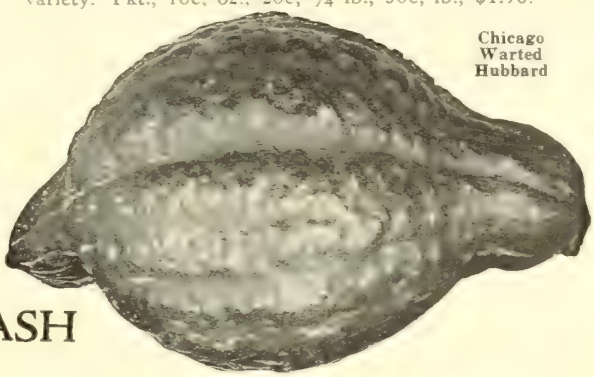
Prices—Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 10 lbs., $6.50; 100 lbs., $55.00.

SWISS CHARD

¼ lb. of seed will sow 250 ft., 10 lbs. an acre.

Fordhook Giant — The rich, dark green leaves are very crinkled, thick, and quite tender, making excellent boiling greens. The wide, pearly-white stems are delicious if prepared like Asparagus. The appealing dark green color makes Fordhook the leading variety. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.50.

Fordhook Giant Swiss Chard
The finest market variety



Chicago Warted Hubbard

SQUASH

Summer Squash

¼ lb. of seed will plant about 100 hills, 5 to 6 lbs. of seed an acre.

Early Prolific Straightneck—This is now proven as one of the most popular summer varieties. The fruits are very uniform for shape and size and the skin is a clear, bright yellow color, with no trace of green even when young. Small vine growth allows thick planting. Its shape prevents any breakage. They are usable when only 4 to 5 in. long and until 12 to 14 in. long.

Cocozelle Bush—Is long and cylindrical. Dark green when young, and fine flavored. Bush vines.

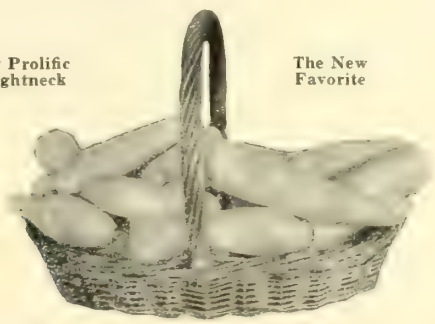
Early White Bush—Fruits are rather small, quite flat, with scalloped edges. Fruits are produced in amazing quantities, and if kept picked will bear until frost. Snow-white at all times.

Table Queen (Acorn)—An individual size squash. Outside color, green; flesh, light orange; dry, sweet flavor.

Early Yellow Summer Crookneck—Fruits heavily warted and golden yellow in color. We have a beautiful pure line strain.

Zucchini Black—It is replacing Cocozelle and Grey Zucchini in most areas. Fruits long and slender, showing a black green color when young. We believe they have a better flavor.

Price, any of above—Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.25; 10 lbs., $14.00.



Early Prolific Straightneck

The New Favorite

Winter Squash

¼ lb. of seed will plant 50 hills, 3 to 4 lbs. of seed an acre.

Banana (Blue)—Popular winter squash. Fruits 18 to 24 inches long and about 7 inches in diameter. Slate grey color; flesh fine-grained, deep yellow, dry, and sweet. Banana is free from stringiness and fine for pies.

Chicago Warted Hubbard—Dark green, flesh dry and sweet. Very hard shell insures long keeping qualities. It is the largest of the green Hubbards and is thickly covered with warts. Undoubtedly the most popular of any squash in this class. Pkt., 10c; oz., 20c; ¼ lb., 60c; 1 lb., $1.75; 10 lbs., $16.50.

Green Delicious—Believed the driest and sweetest of any of the winter squashes. Fruits 8 lbs. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., $2.00.

Golden Delicious—The color is a bright golden with lighter stripes. An excellent small squash for roadside and market, also widely used for canning. Wonderful flavor.

Golden Hubbard—It is a little smaller than the Green Hubbard types and a few days earlier. Fruits 8 to 10 lbs.; orange-red color, flesh deep orange, dry, and of good quality. Keeps well. Price—Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., $1.75; 10 lbs., $16.50.

Pike's Peak or Sibley — Large oval fruits, slate grey in color; flesh golden-yellow, very best quality.

Utah Giant Field—Mammoth size: valuable for stock feeding. Seeds are large, brown and shiny.

Price, any of above except where noted—Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., $1.50; 10 lbs., $14.00.

Vegetable Spaghetti—An interesting novelty. The flesh is in loose shreds resembling spaghetti. Pkt., 10c; oz., 20c; ¼ lb., 60c.

SEND FOR U. S. D. A. VICTORY GARDENS LEAFLET—Mail your request to the Superintendent of Documents, Washington, D. C. Enclose 5c for Victory Garden Bulletin No. 483. Contains general information for inexperienced gardeners.

TOMATOES *The Pride of Your Garden and Table*

An ounce of seed will produce about 2000 plants. Approximate number of days from setting plants to ripened fruits are indicated.

P.-W.'S EARLY CANNER (New)—The fruits are smooth, very red, and not susceptible to cracks. Vines are short-jointed, compact in form, allowing three plants in the space ordinarily required for two. It will become a favorite for Home and Market Gardeners. Many years have been spent in selection, tests, and observation. It combines the virtues to make it an outstanding variety for all gardeners, especially those in Northern U. S. A. and Canada. 70 days. Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., $2.25; lb., $7.00.

Marglobe—Blight resistant. Introduced by the U. S. D. A. only a few years ago but quickly acclaimed a leading all-purpose variety. Has all the good qualities desired for market growers, canners, and home gardeners. The fruits are large, globe-shaped, smooth, deep red, very solid and firm; delicious flavor. It is also the standard variety for green pack, as it grows with very little stem crack and ripens well in storage. 75-80 days. Pkt., 10c; oz., 50c; ¼ lb., $1.50; lb., $4.50.

Pritchard's (Scarlet Topper)—A wilt resistant variety developed by the U. S. D. A. Pritchard is one of the heaviest bearers. The flesh is very solid with few seed cavities and a fine red color all through. Pritchard requires a fertile soil for best development and responds well to heavy applications of fertilizer. The quality is extra fine, being mild and without acidity. Pritchard ripens between Bonny Best and Marglobe. Pkt., 10c; oz., 50c; ¼ lb., $1.50; lb., $4.50.

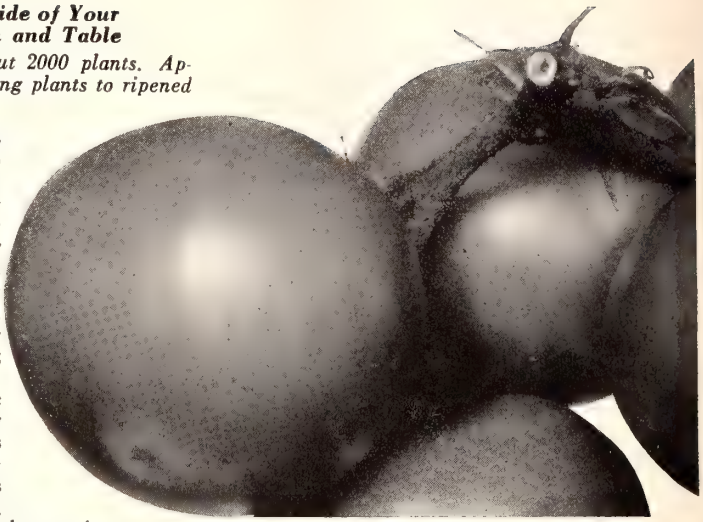
Bonny Best—Fruits bright, deep scarlet red; medium large; flattened globe shape; smooth and firm. 73 days. Pkt., 10c; oz., 35c; ¼ lb., $1.15; lb., $3.50.

Earliana Special—We earnestly believe our strain is the finest of this **first early** type. Fruits are medium size, flattened globe-shape, deep scarlet-red, firm and smooth. 66 days. Pkt., 10c; oz., 50c; ¼ lb., $1.50; lb., $4.50.

Greater Baltimore—Fruits deep scarlet-red, large, deep, smooth; very firm and solid. 80 days. Pkt., 10c; oz., 35c; ¼ lb., $1.15; lb., $3.50.

John Baer—We regard this variety as one of the best medium earlies and recommend it most highly for all purposes. Fruits bright scarlet-red, smooth, and quite firm. 70 days. Pkt., 10c; oz., 50c; ¼ lb., $1.50; lb., $4.75.

June Pink—Early purplish pink variety with a sub-acid flavor. Pkt., 10c; oz., 50c; ¼ lb., $1.50; lb., $4.50.



P.-W.'s Early Canner

Stokesdale—An excellent medium early tomato, ripening in season of John Baer and adapted for market and canning. The fruit is medium size, deep globe-shape, very solid and of fine quality. Ripens even to a good scarlet color. The vines are very prolific. Pkt., 10c; oz., 65c; ¼ lb., $2.00; lb., $6.00.

Stone (Improved)—Enormous yielder. Valuable for the market gardener, trucker, and canner. Bright deep scarlet fruits; large and flat, but deep; smooth and solid. 86 days. Pkt., 10c; oz., 35c; ¼ lb., $1.15; lb., $3.50.

Small Fruited Tomatoes

These tiny tomatoes are prized for pickles, preserving, salads and pie making. Varieties: **Ground Cherry, Red Cherry, Red Pear,** and **Yellow Pear.** Price—Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., $2.00.

HUCKLEBERRY (Wonderberrry)—The fruit is as large as a grape and jet black when ripe. Makes delicious pies, jellies, preserves, jams, etc. Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., $2.00.

P.-W.'s Sturdy Tomato Plants

For many years we have made a specialty of growing tomato plants. True-to-name plants of the leading varieties: P.-W.'s Early Canner, Earliana, John Baer, Stokesdale, and Stone.

Transplanted Plants in flats, strong and hardy, well-hardened and far superior to plants taken directly from seed bed or greenhouse to the field. Ready about May 1st to June 25th. **Postpaid—35c, doz.; $1.50 per 100. Not Postpaid—25c doz.; $1.25 per 100; $11.00 per 1000.**

Purple Top White Globe

TURNIPS

It requires 1 to 1½ lbs. of seed per acre in drills. An ounce will sow 300 feet of row.

Purple Top White Globe (Special Strain)—This fine stock produces the world's finest turnips. Large, smooth, and delicious flavored. The color is snow-white with a rich purple top; the flesh is firm, fine-grained and tender. It is the standard home, market, garden and shipping variety and always sells at advanced prices over ordinary sorts.

Snowball—An early variety next in popularity to Purple Top White Globe. Roots are round, pure white throughout. Flesh is fine-grained, sweet, and tender

White Egg—An oval or egg-shaped clear white turnip.

Turnip Prices—Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 10 lbs., $7.00.

Rutabaga or Swede Turnip

American Purple Top—Remarkable for uniform shape and fine quality; a splendid keeper. Skin smooth; a beautiful yellow color, fine-grained, very sweet and tender.

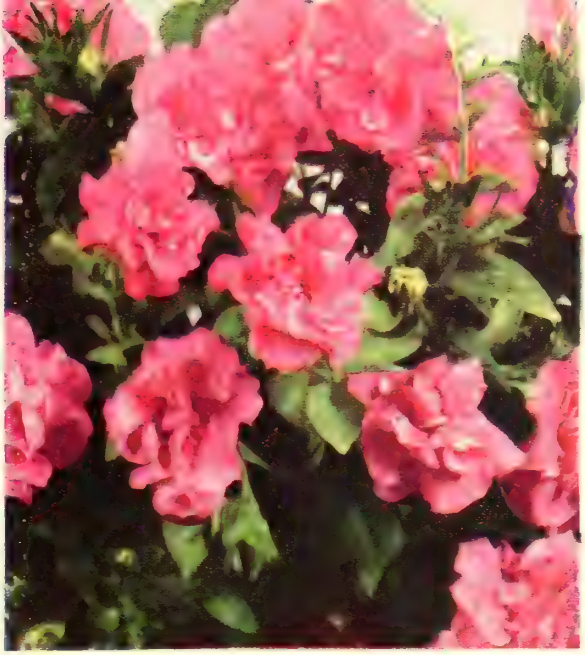
Golden Neckless—A favorite winter variety maturing earlier than the American Purple Top, which it closely resembles. The flesh is light yellow, fine-grained, and sweet. Roots are uniform in shape and color with a very small neck.

Rutabaga Prices—Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., $1.35; 10 lbs., $12.50.

Dwarf Harmony Marigold, Sunkist
Silver Medal. Pkt. 25c.

Petunia Nana English Violet
Pkt. 25c.

Cosmos, Giant Sensation, Dazzler
Pkt. 25c.



Petunia Alldouble America, Silver Medal
Pkt. 50c.

Here are the *Flowers* Everybody's talking about!

ALL-AMERICA AAS SELECTIONS

Special Offer 319
One Packet of Each
$1.25

Petunia Nana Compacta, Igloo, Bronze Medal
Pkt. 25c.

NOVELTIES OF OTHER YEARS

They prove their worth in AMERICA'S GARDENS

COLLECTION No. 320

75c

Postpaid

ONE PACKET EACH of the seven varieties illustrated on this page.

DIANTHUS (PINKS)
Single Finest Mixed, pkt. 10c.

GIANT IMPERIAL LARKSPURS
Finest Mixed, pkt. 15c.

CELOSIA PLUMOSA
Fiery Red, pkt. 10c.

CLEOME, PINK QUEEN
Pkt. 15c.

NEW VIOLET QUEEN ALYSSUM
For beautiful borders. Pkt. 15c

DAHLIA FLOWERED ZINNIA, WILL ROGERS
Pkt. 15c.

For Mass Planting

Use your annuals generously in groups with shrubbery and evergreens, for compelling color all season. Also to set off and add great splashes of color in perennial borders, sidewalk and open garden plantings.

ZINNIA, HOWARD'S GIANT CRESTED
15c

Ageratum *ajuFH*

Dwarf Blue Cap (6″-8″)—The best dwarf; plants are tiny mounds of flowers; compact, deep rich blue. Pkt., 15c; 1/16 oz., 60c.

Midget Blue (2″-3″)—Able to offer a very fine dwarf. Blue flowers. Comes uniform and true to color from seed. Pkt., 25c; 1/32 oz., 60c.

Nanum Blue Perfection (9″) — The darkest Ageratum grown from seed. Pkt., 10c; ⅛ oz., 30c.

Alyssum

Benthami Mariatimum (Sweet Alyssum) ajuFHN (10″)—White, honey-scented flowers bloom early and continue until frost. Pkt., 10c; ½ oz., 30c.

Little Gem ajuBDGN (8″)—Dwarf, completely covered with snowy-white blossoms. Pkt., 10c; ¼ oz., 25c.

Saxatile Compactum (Basket of Gold) ckuAJU (12″)—Produces a mass of light golden flowers. May be planted effectively with Arabis. Pkt., 10c. Plants, 3 for 50c; 10 for $1.50.

Snow Cloth (Procumbens) ajuFHN (4″)—Very dwarf, compact, and quite spreading. Pure white flowers completely cover the plants. Pkt., 10c; ¼ oz., 45c.

Violet Queen ajuFHN (6″)—Very desirable. Plants are dwarf, compact, neat in habit, and free flowering. The sweet-scented flowers are a very rich shade of violet Pkt., 15c; ¼ oz., 60c. (See page 20)

Anchusa (15″) *ojuBJS*

Myosotidiflora—A wonderful dwarf perennial with clusters of charming blue flowers resembling Forget-Me-Nots. Pkt., 25c. Plants, 3 for 75c; 10 for $2.00.

Anemone Japonica *eorsCDS*

Alba (24″-36″)—A beautiful single, pure white with yellow center.

Alice (24″-36″)—Large, rosy pink flowers with lilac center are borne on strong, vigorous plants. Excellent variety.

September Queen (24″)—Produces semi-double flowers of an attractive shade of rosy red. This is a very desirable variety which is erect in habit and very free flowering.

Prices, any of above, Plants, 3 for 75c; 10 for $2.00.

Sylvestris (12″) corsBJN—"The Snowdrop Anemone." Lower growing species with pure white nodding flowers. Price, 3 for 50c; 10 for $1.50.

ANTIRRHINUMS (Snapdragons) *ajrFGN*

MAXIMUM or Super Giants Rust Resistant (30″-36″)—The development of these new rust-proof strains has made Snapdragons more popular than ever. Plants are base branching, each producing up to 1½ dozen long, graceful spikes covered with large flowers. Foliage is clean, healthy, and luxuriant.

Alaska—Pure white.
Apple Blossom—Light pink.
Canary Bird—Canary yellow, deeper lip.
Christmas Candle—Flame-red, lighter throat.
Copper King—Burnished copper.
Crimson—Deep crimson.
Indian Summer—Reddish bronze and golden hues.
Loveliness—Soft, rose-pink.
Rosalie—A rich, deep rose with an underlying tone of topaz or amber.
Maximum or Super Giant Mixed—Well-blended.
Each of above, Pkt., 15c; 1/16 oz., 50c.
California Giant Mixture—This deluxe mixture will supply a never-ending color combination of long-stemmed, rust-proof, cut flowers. Pkt., 15c; 1/16 oz., 40c.

NANUM Grandiflorum Type (18″)—They're neat plants, free-flowering, bearing long spikes of exquisite blooms.

Guinea Gold—Visitors to our Centerville Trial Grounds were thrilled over this ensemble of orange-gold and terracotta. Pkt., 15c.

Nanum Best Mixed—Pkt., 10c.

Arabis (Rock Cress) (5″) *cjuxAJN*

Alpina—Forms spreading tufts covered with sheets of pure white flowers. One of the earliest spring-flowering plants we have. Perfectly hardy and long-lived. Pkt., 10c

Alpina Rosea—Pink flowers. Pkt., 25c.

Plants, either of above, 3 for 50c; 10 for $1.50

Armeria (15″) *ckruBCJN*

Formosa, Large-Flowered Hybrids — Deepest to lightest rose shades, various shades of pink and coral and light red—a very attractive mixture. Pkt., 20c; ⅛ oz., 60c Plants, 3 for 50c; 10 for $1.50.

Asters (3′) *aorsCDHN*

Improved California Giant—Long, strong stems bearing beautifully formed, curled and interlaced flowers 5 in across. **Crimson, Light Blue, Pure White, Purple, Rose** and **Mixed.** Any of above—Pkt., 10c; 1/16 oz., 35c.

Early Beauty—Wilt Resistant—The outer petals reflex and the center ones curved gracefully inward. Magnificent for cutting. **White, Light Blue, Dark Blue, Crimson, Shell Pink, Deep Rose and Mixed.** Each of above—Pkt., 10c; ⅛ oz., 50c.

Giant Crego—Wilt Resistant—Large flowers are borne on stems twelve inches or more in length. Their lasting qualities when cut are unsurpassed. **White, Rose Pink, Crimson, Dark Blue, Light Blue,** and **Mixed.** Each of above—Pkt., 10c; ⅛ oz., 35c.

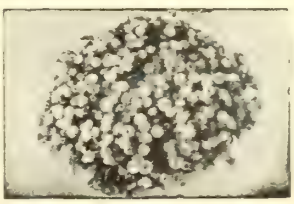
Heart of France Aster (24″)—The largest flowering of the very dark red sorts. Pkt., 10c; 1/16 oz., 35c.

Giant California Sunshine, Mixed—Large flowers with loosely placed outer petals contrasting with the creamy yellow or blue centers. Pkt., 10c; 1/16 oz., 50c.

El Monte (Super Giant)—Immense, brilliant, glowing crimson flowers. Pkt., 15c; 1/16 oz., 35c.

Los Angeles (Super Giant) — Pure shell-pink. Pkt., 15c; 1/16 oz., 35c.

About Postage:
Plants are not postpaid. If by mail, remit postage extra, 15c for 3, 40c for 10. All flower seeds postpaid.



Ageratum Blue Cap

Alyssum Snow Cloth

Super Giant Snapdragon
(Antirrhinum)

Hardy Asters (Michaelmas Daisy) *djtDJS*

Beechwood Challenger (30″) — A recent introduction which is the nearest to red of any Hardy Aster to date. Crimson-red and very profuse flowering.
Royal Blue (36″)—Rich, deep blue and a strong grower.
Wonder of Staffa (Frikarti) (30″) — Rich lavender-blue flowers 1½-2 inches across. Bushy habit of growth and a constant bloomer.
Countess Dudley (12″)—Charming clear pink flowers on bushy plants.
Niobe (9″)—Pure white flowers with yellow centers. The plants are of very compact growth.
Victor (12″)—This is a beautiful clear lavender-blue.
Price of any above, 3 for $1.15; 10 for $3.50.

Special Offer No. 22 — One each of the Six Hardy Asters Described Above — **$2.25** Postpaid

Brachycome

Aquilegia (Columbine) *cisBJU*

Crimson Star—An attractive novelty. The long spurs and very large sepals are velvety-crimson, the inner petals are white in contrast. Price, plants, 3 for 75c; 10 for $2.00.
Snow Queen—A large, pure white; very fine.
Scarlet Shades—Many tints and shades with one predominating color.
Scott Elliott's Long Spurred Hybrids (26″)—A wonderful mixture containing all the beautiful tints and color combinations. Pkt., 10c; 1/16 oz., 60c.
Plants of above, except Crimson Star, 3 for 50c; 10 for $1.50.

Aubrietia (4″) *ciuAJN*

Bougainveillei—Dark blue flowers. Pkt., 25c.
P.-W.'s Monarch Mixture—A wide range of many unusual colors provide a rich and glorious color effect. Strong flowering plants. Seed, Pkt., 25c.
Plants, either of above, 3 for 50c; 10 for $1.50.

Balloon Vine (15′) *ajtCHSU*

Love in a Puff—A clean, free-growing vine bearing numbers of large, round, inflated seedbuds resembling miniature balloons. Pkt., 10c; ¼ oz., 20c.

Balsam (Lady Slipper) (18″) *aksCHS*

Double Camellia-Flowered Mixture—Today's Balsams are greatly improved over their predecessors. They blossom continuously in many colors. Pkt., 10c; ¼ oz., 45c.

Bellis Perennis (English Daisy) (6″) *bjuFJN*

They are very popular because of their bright color and profuse, long blooming period. Double white, pink, and red. Pkt., 10c. Plants, 40c per dozen; add 15c per dozen for postage.

Bleeding Hearts *djsBU*

Spectabilis (Dicentra)—Its long racemes of graceful, heart-shaped pink flowers are always attractive. Is perfectly at home in any part of the hardy border. Strong roots, 40c each; 3 for $1.00; 10 for $3.00.

Brachycombe (Swan River Daisy) (9″-12″) *akuwHB*

Small, cineraria-like blooms nearly all summer. Our mixture contains all the colors: white, pink and blue. Pkt., 10c; ⅛ oz., 25c.

Cactus

All Types Mixed—You will be thrilled with the many interesting varieties of Cactus this seed will produce. Pkt., 25c.

Calamintha Alpina (6″) *ckuBJN*

A very graceful little plant with small leaves and small blue flowers. Plants, 3 for 50c; 10 for $1.50; Pkt., 25c.

Calendula (18″) *akrsBDGN*

Chrysantha or Sunshine—Large, clear buttercup yellow, long loosely-arranged petals resembling Chrysanthemums. Pkt., 10c; ¼ oz., 35c.
Orange Fantasy—Long, twisted outer petals, short curled inner petals; flowers 3¾″ across. Color coppery-orange with mahogany-bronze center. Pkt., 10c; ¼ oz., 25c.
Improved Campfire—Rich orange flowers with a scarlet sheen. Pkt., 10c; ⅛ oz., 25c.
Double Giant Mixed—All colors. Pkt., 10c; ½ oz., 25c.

California Poppy (Eschscholtzia) (8″) *ajsBGN*

Aurantiaca (Orange King) — Rich golden orange. Pkt., 10c; ½ oz., 25c.
Mixed, all colors—Many shades. Pkt., 10c; ¼ oz., 20c.

Calliopsis (12″) *aksFHN*

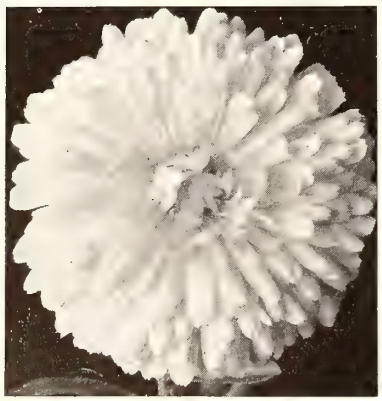
Drummondi Golden Crown—Large, orange-yellow flowers on wiry stems. Pkt., 10c; ¼ oz., 25c.
Finest Mixed—Pkt., 10c; ½ oz., 25c.

Candytuft *ajsBHN*

Giant Hyacinth-Flowered White (12″) — Large spikes of snowy white flowers, sturdy and compact. Pkt., 10c; ¼ oz., 40c.
Umbrellata Finest Mixed (12″)—Pkt., 10c; ½ oz., 35c.

Campanula (Bellflower)

Calycanthema bksBJU (24″)—This is the old favorite cup and saucer Canterbury Bell, a flower worthy of perpetuation in every garden of today. White, *Pink, *Blue, and *Mixed. Pkt., 10c.
***Glomerata Superba** cksBJU (18″)—Compact clusters of deep blue bell flowers are held closely around the erect and sturdy stems.
***Persicifolia** (Peach Bells) ckrBJU (30″)—A noble plant for the middle of the hardy border. Large, bright blue flowers neatly arranged around their straight stems which rise from low mounds of peach-like foliage. Pkt., 10c.
***Pyramidalis** cktCDJU (72″)—Clear blue star-like flowers on tall spikes. Pkt., 10c.
***Rotundifolia** cjuBDJU (12″)—The "Blue Bell of Scotland" bears small, deep blue flowers evenly scattered over the whole plant. Pkt., 10c.
Plants of the varieties marked *, 3 for 50c; 10 for $1.50.



Calendula Chrysantha

Eschscholtzia (California Poppy)

Caliopsis

Hy. Candytuft

Carnations

Giant Marguerite Mixed—Begin to flower in a few weeks from time of sowing. Pkt., 10c.

Whitings New Hardy Double Carnations *ekrBDJU*

These splendid new creations are hardy most everywhere. The plants are vigorous, producing throughout the entire season a mass of flowers approaching in size and beauty the well-known greenhouse varieties. Plants only, white, pink, and red. Price, 50c each: 10 for $4.50.

Celosia (Coxcomb) *aksFHU*

Chinese Woolflower (30″)—Rapid grower with many branches terminating in a flower head resembling a ball of colored wool. The color remains unfaded with frost. Pkt., 10c; ⅛ oz., 30c.

Crested Dwarf Mixed (15″)—Fine dwarf habit with broad compact plumes resembling giant rooster combs. Pkt., 10c; ⅛ oz., 40c.

Pride of Castle Gould—Large, fluffy, ostrich-feather-like plumes of yellow, scarlet, crimson, and orange in mixture. Pkt., 10c; ⅛ oz., 25c.

Plumosa, Finest Mixed—2½-3 ft. Pkt., 10c; ⅛ oz., 25c.

Plumosa, Fiery Red—See page 20. Pkt., 10c; ⅛ oz., 25c.

Cerastium (Snow in Summer) (6″) *ckuxBJN*

Tomentosum—Snow-white flowers stand above the silvery foliage. The foliage is attractive at all seasons. Pkt., 10c. Plants, 3 for 50c; 10 for $1.50.

Centaureas

Cyanus Blue Boy—Large, fully double flowers of intensified blue. Long stems for cutting. Pkt., 10c; ⅛ oz., 25c.

Cyanus Jubilee Gem akuBGN (12″)—Charming compact plants literally covered with vivid blue flowers. Beautiful flower of recent development. Pkt., 10c; ⅛ oz., 30c.

Cyanus Mixed (Bachelor Buttons) akrBGN (24″)—A double flowering mixture of many colors. Pkt., 10c; ¼ oz., 25c.

Imperialis Mixed (Sweet Sultan) akrBGN—These large, long-stemmed, sweet-scented flowers are exquisitely fringed and truly graceful in appearance. Pkt., 10c; ¼ oz., 35c; oz., $1.00.

Cheiranthus (Siberian Wallflower)

Golden Bedder aknsBJN (12″)—A very free-flowering plant producing golden yellow flowers. Pkt., 15c.

Cushion Chrysanthemums *dksuDS*

Plants in this popular group form low bushy mounds 12-15 inches across which are entirely covered with Azalea-like blooms two inches in diameter. They begin flowering in early September and continue until frost. We offer the four leading colors.

Bronze Cushion—Light buff bronze.

Rose Cushion—Rose-pink.

White Cushion—White, tinted pink when they first open.

Yellow Cushion—Clear bright yellow.

Price, all of above, 3 for 75c; 10 for $2.10. Postage and packing, 15c for 3; 40c for 10

Early Flowering Chrysanthemums *dksuDS*

Varieties marked * appear in color on page 29

*Apollo (36″) Oct. 15—A sparkling combination of bronze, red, and gold, suffused with salmon. Single Very hardy.

Caliph (36″) Oct. 15—Medium sized flowers of deepest maroon-red; center petals slightly incurved.

*Country Girl (36″) Oct. 20—Vigorous permanent plants that supply an abundance of single 3½-inch flowers in a lovely shade of glistening pink with tones of soft lilac-pink.

*Daphne (30″) Oct. 15—Exquisite soft pink with a tint of rose, enhanced by the golden stamens in the center. The upper part of the plants are a solid mass of the beautiful semi-double frost resistant blossoms.

*Ember (36″) Oct. 15—A brilliant glowing bronze combining shades of coral and orange. Very beautiful double flowers and the most hardy of our entire list.

*Glory of Seven Oaks (24″) Oct. 1—Bright golden yellow and fully double.

Granny Scovill (30″) Oct. 15—One of the loveliest of garden mums. Flowers 4½ inches across, full, well formed, and the color a clear warm coral bronze.

Jean Cummings (48″) Nov. 1—Large pure white flowers with creamy suffusion in the center are borne at the top of long, sturdy stems.

Jean Treadway (36″) Oct. 25—Medium sized, dome-shaped blossoms of rich pink shades, dark rose toward center.

*King Midas (36″) Oct. 10—Large, fully double flowers of beautiful soft yellow. Branchy and very free-flowering.

Lillian Doty (48″) Nov. 1—Large, almost spherical blossoms of very beautiful rose-pink on tall stems.

*Mars (36″) Oct. 15—Large, single flowers of deep amaranth-red with velvety sheen.

*Rapture (36″) Oct. 25—Lovely double flowers combining a beautiful deep orange-red with a lively suffusion of bright carmine.

Rio Narda (36″) Nov. 1—A giant cactus type with blossoms 6″ across. The color is very attractive silvery lavender. A chrysanthemum aristocrat.

Price, all of above, 3 for 65c; 10 for $1.90. Postage and packing, 15c for 3; 40c for 10.

Celosia Plumosa

Button or Pompon Chrysanthemums *dksuDS*

This small flowered group is unusually effective in the garden, and the dainty flower clusters are particularly useful for table and room decoration. Plants grow 24 to 30 inches tall and bloom profusely.

Early Bronze Sept. 25—Light bronze, flecked yellow.

Ethel Nov. 1—Miniature, bronzy red.

Irene Oct. 15—White.

Jewel Oct. 15—Deep rose.

Judith Anderson Oct. 15—Yellow, shaded orange in center.

Skibo Oct. 10—Clear yellow.

Price, all of above, 3 for 65c; 10 for $1.90. Postage and packing, 15c for 3; 40c for 10.

Canterbury Bells

Chrysanthemum Maximum (Shasta Daisy)

Alaska cjsCJ (24″)—Produces a wonderful show of large, white, single flowers. Seed only, Pkt., 10c.

Diener's Double Hybrid Mixture cjsCJ (30″)—This class contains a wide variety of flowers measuring 3″-4″ across, ranging from full doubles to semi-doubles and singles. Some have broad petals and others are narrow and twisted or curled. Seed, Pkt., 25c. **Plants, 3 for 75c; 10 for $2.00.**

Mount Shasta cjrsC (30″)—The aristocrat among Shasta Daisies. A beautiful pure white, high crested, fully double flowers 4″ across. The sturdy, erect stems add to its remarkable character. Plants only, 3 for $1.50; 10 for $4.50.

Clarkia (1′) *aksFHN*

Elegans Double Mixed—The flowers are best described as resembling sprays of Double Flowering Almond. Pkt., 10c.

Cleome (4′) *ajstFGN*

Pink Queen (Spider Plant)—Illustrated on page 20. This very interesting novelty is sure to become a favorite everywhere. It is never out of bloom. Pkt., 15c; 1/8 oz., 40c

Cobaea Scandens (30′) *ajtHK*

Handsome, rapid growing climber; flowers are bell-shaped and open a clear green, but turn a beautiful purplish lilac. Seed should be sown edgewise. Pkt., 10c; 1/8 oz., 25c

Columbine

(See Aquilegia, page 22)

Coreopsis *cjrsFJN*

Lanceolata Grandiflora—Large, deep yellow flowers on long, graceful stems. Bloom incessantly. Pkt., 10c.

Sunburst—Striking new, large, semi-double golden yellow. Grows 24″-30″ high. Pkt., 10c.

Plants, 3 for 50c; 10 for $1.50.

Cosmos *ajstFHN*

Plants of graceful beauty, fine feathery foliage, and large flowers.

Early Single Mixed (5′)—Pkt., 10c; 1/4 oz., 25c.
Late Single Mixed (5′)—Pkt., 10c; 1/4 oz., 25c.
Early Double (5′)—Pkt., 10c; 1/16 oz., 35c.
Early Orange Flare (4′)—Pkt., 10c; 1/4 oz., 30c.
New Yellow Klondike (New)—Bright yellow. Pkt., 10c; 1/8 oz., 35c.
Giant Sensation Dazzler (5′)—New All-America selection for 1943. Very rich, deep amaranth crimson flowers, 3-4″ in diameter. Pkt., 25c. (See color page 19)
Giant Sensation Mixed—The finest single Cosmos to grow for cut flowers. Extra large and extremely early. Pkt., 10c; 1/4 oz., 35c.

Cynoglossum (Chinese Forget-Me-Not)

Firmament ajsFH (18″)—A new dwarf type of Chinese Forget-Me-Not with rich flowers of vivid indigo blue. Bronze Medal Winner. Pkt., 10c; 1/4 oz., 30c.

Cypress Vine (15′) *ajtCHK*

A graceful, twining annual climber with delicate, fern-like foliage and a profusion of star-shaped blossoms. Scarlet and white mixed. Pkt., 10c.

Dahlia *afksDHL*

Coltness Hybrids, Mixed (24″) — Single flowers, dwarf plants. Pkt., 15c.

Unwin Hybrids, Mixed (24″)—Miniature double colorful flowers. Pkt., 15c.

Double, All Types, Best Mixed—Pkt., 15c.

Dahlia Roots—See pages 49-50.

Delphinium (72″) *cjtBJS*

Pacific Giants—This new strain of plants is 60 to 65% mildew resistant. The double flowers are of immense size and beautifully set in tall straight spikes. **Clear White, Dark Blue shades, Light and Medium Blue.**

Round Table Series—This Pacific Giant mixture represents some 300 different crosses and contains all the newest developments and possesses size that will make them invaluable for cutting and show purposes.

Price, any of above, Pkt., 50c. Plants, 3 for 90c; 10 for $2.50.

Wrexham's Hybrids—Medium size florets of rich and varied tints, massed on tapering spire-shaped spikes and produced over a remarkably long flowering season, make up this superb garden strain.

Cliveden Beauty—This is an improved strain of the old light blue Belladonna which is so desirable as a cut flower.

Price, either of above, 3 for 75c; 10 for $2.00. Seed, Pkt., 25c.

Dianthus (Garden Pinks)

Best Single Mixed ajsBN (10″)—See page 20 for color illustration. Pkt., 10c; 1/4 oz., 25c.

Best Double Mixed ajsBN (10″)—Pkt., 10c; 1/4 oz., 30c.

Caesius (Cheddar Pink) cjuBJ (6″)—Attractive compact tufts only a few inches high, from which spring the sweet-smelling, rose-colored flowers in great profusion. Pkt., 10c. Plants, 3 for 50c; 10 for $1.50.

Graniticus cjuBJ (4″)—Grows about 4 in. high; forms a dense carpet, covered in May and June with bright crimson flowers. Plants only, 3 for 50c; 10 for $1.50.

Digitalis (Foxglove) (48″) *bosBJN*

Gloxiniaeflora Mixed—For stately and picturesque beauty, these are not to be surpassed. The long, tubular, spotted flowers hang in a mass on spikes 2′-3′ long. Mixture includes purple, rose, yellow, and white. Pkt., 10c.

Gloxiniaeflora Rosea—A beautiful rose-colored form of the type above.

Plants, either of above, 3 for 50c; 10 for $1.50.

Double Clarkia

Digitalis (Foxglove)

Dianthus Single

About Postage:

Plants are not postpaid. If by mail, remit postage extra, 15c for 3, 40c for 10. Flr. seeds pstpd.

Something New Has Been Added!

The flower seeds you order from this catalog will be Rootone treated — this plant hormone powder speeds germination, increases root formation, and makes stronger seedlings that transplant better and assures more flowers. See page 44.

Dimorphotheca (African Golden Daisy)

Aurantiaca aksFHN (15″) — Flowers 2½″ across; rich, glossy orange-gold with dark disk and halo. Pkt., 10c.

Dolichos (10′) *ajtBCHN*

Hyacinth Bean—A rapid-growing annual climber with showy pea-shaped flowers followed by ornamental seed pods. Pkt., 10c; oz., 25c.

Euphorbia (30″) *ajsBHR*

Variegata (Snow on the Mountain)—Foliage edged white and green. Pkt., 10c; ¼ oz., 20c.

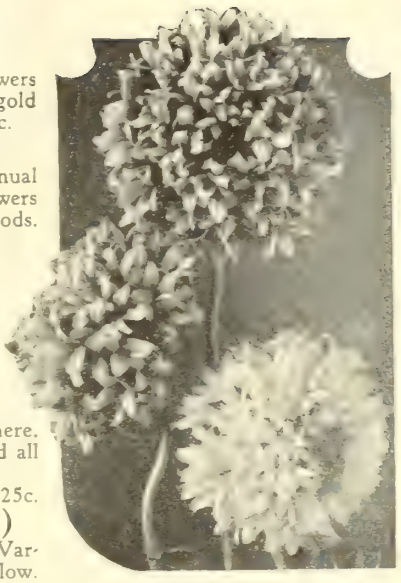
Four O'Clocks (Mirabilis) (2′) *ajsFH*

Showy flowers that do well everywhere. Flowers open in the afternoon and all day when it is cloudy.

Mixed Colors—Pkt., 10c; ½ oz., 25c.

Gaillardia (Blanket Flower)

Grandiflora Mixed ckqFJN (18″)—Variegated with shades of red and yellow. Pkt., 10c. Plants, 3 for 50c; 10 for $1.50.



Gaillardia Picta Double Mixed

Picta Double Mixed ajsFHN—Continuous profusion of brilliantly colored flowers in rich shades of red and yellow. Sow where they are to remain. Pkt., 10c; ¼ oz., 35c.

Geum (18″) *cjrJS*

Mrs. Bradshaw—Large, double, rich, scarlet blossoms. Pkt., 15c. Plants, 3 for 50c; 10 for $1.50.

Godetia (12″) *ajsFH*

People who live in higher valleys where the summers are not too hot will find these showy flowers unexcelled.

Duke of York—Scarlet, edged white.
Kelvedon Glory—Glowing salmon-orange
Sybil Sherwood—Bright salmon-pink.
Any of above, Pkt., 10c.
Double Mixed—Pkt., 10c; ¼ oz., 35c.

Gourds (10′) *akEHU*

Large Gourd fruits make attractive decorations at harvest festivals. The small ones may be placed in bowls for table decorations. Bird houses, dippers, bowls, and toys are made of others.

Small Varieties Mixed—Pkt., 10c; ½ oz., 35c
All Varieties, Mixed—Pkt., 10c; ½ oz., 35c.

Gypsophila

Elegans London Market ajrBH (2′)—Large, pure white. Several sowings will keep up a supply. Pkt., 10c; ½ oz., 30c.

Elegans Delicate Pink ajrBH (2′)—A pretty bluish-pink form of the above. Pkt., 10c; ½ oz., 30c.

Paniculata (Baby's Breath) ckrBJN (2′-3′)—Small flowers on branched stems, so thick as to give the plant a white lace-like effect. Seeds, Pkt., 10c. Plants, 3 for 50c; 10 for $1.50.

Rosy Veil ckrB—This variety produces flowers of a very pretty pronounced pink. It will add the finishing touch that will set off a flower arrangement in a beautiful style. Plants only, 3 for 90c; 10 for $2.50.

Helianthemum (8″) *ckuBL*

Fireball—Bright scarlet, double flowers. One of the most beautiful perennials. Plants, 3 for 75c; 10 for $2.00.

Hemerocallis (40″) *djsC*

Hyperion—Flowers are a fine citron-yellow, produced in great number on stout stems. Experts consider Hyperion the finest Hemerocallis to date. Plants, 75c each; 3 for $2.00.

Helichrysum (2′) *akrsCHN*

Strawflower—Helichrysums are an ornament to the garden and are everywhere prized for winter bouquets.

Mixed, all colors—Pkt., 10c; ¼ oz., 35c.

Heliotrope (18″) *ajsFH*

Mammoth Mixed—Large flowers, ranging in shade from dark blue to lilac. Pkt., 10c.

Heuchera (Alum Root)

Sanguinea cjsBJ (18″)—Long stems of large crimson scarlet flowers. Seeds, Pkt., 25c. Plants, 3 for 50c; 10 for $1.50.

Hibiscus (Mallows) (4′) *cktCJL*

Mixed Mallow Marvels—Shrub-like plants with handsome green foliage, bearing large bright flowers from 3 to 5 inches in diameter. Seed, Pkt., 10c.

Hollyhocks (6′) *cktBJN*

Their great spikes of bloom are "Flowers of Beauty" to the garden picture.

Double Varieties

*Crimson Maroon	Red *Rose	Salmor White	*Yellow Mixed

Seed, Pkt., 10c; ⅛ oz., 35c.
*Plants of these colors only, 3 for 50c; 10 for $1.50

Iberis (Perennial Candytuft) *cjuBJ*

Gibraltarica (8″)—Dwarf evergreen plants covered with heads of delicate lavender-white. Seed only, Pkt., 10c
Sempervirens (6″)—This variety forms a sheet of pure white. Seed only, Pkt., 15c.

Kochia (30″) *aksDU*

Childsii (Burning Bush)—Resembles a close-clipped ornamental evergreen. In Autumn becomes blood-red. Pkt., 10c; ½ oz., 20c.

Lathrus Latifolius (8′) *cjqxFJ*

Everlasting Pea—Very decorative climbing vines of the pea family for growing on fences, trellis, etc. Pink, White, Crimson and Mixed—Pkt., 10c; ¼ oz., 40c.

Dimorphotheca Aurantiaca

Gourd Small Varieties Mixed

Godetia Upright Single Duke of York

See page 77 for legend on key letters immediately following variety name

Stately Bearded Iris

The bearded Iris is usually planted from June through September. If planted in the Spring they cannot be expected to bloom the first year. However, Iris orders received in the spring will be promptly filled if varieties are available. Others will be filled at proper planting time.

Our Iris list for 1943 includes the most outstanding varieties obtainable in the moderate price range. We have denoted the relative time of blooming by the following letters: E—early, EM—early midseason, M—midseason, and LM—late midseason. (AM) denotes award of merit, S. means standards, F. denotes falls.

China Maid (Milliken 1936) (AM 1939) 38″ EM—A large flower of lovely rose-pink subtly washed with golden bronze and soft lilac. One of the best of the new pinks. Price, $1.00 each.

Dauntless (Connell 1929) (Dykes Medal Winner) 40″ M—S. Light rose mauve, F. dark rose-red. The general effect is a rich deep red. Among the leaders of its class. Price, 3 for 50c.

Depute Nomblot (Cayeux 1929) (Dykes Medal) 48″ LM—The standards are rosy-purple, the falls a rich claret-crimson, with bright beard. The whole flower is dusted bronze. Price, 25c each; 3 for 65c.

El Capitan (Mohr-Mitchel 1926) 40″ M—A majestic flower of soft lavender-blue coloring, and unbeatable candelbrum branching. One of the largest Irises ever produced. Price, 3 for 50c.

Frieda Mohr (Mohr 1926) 40″ LM—S. Lilac-pink, F. Lilac-pink washed deeper, large stately fragrant blossoms on good stalks. Price, 3 for 50c.

Gudrun (K. Dykes 1926) (AM) 32″ E—A very large white self with conspicuous orange beard and golden haft markings. Price, 30c each; 3 for 75c.

Happy Days (Mitchel 1934) (AM) 36″ E—Giant flowers of medium deep yellow on strong stalks. Price, 35c each; 3 for 75c.

Los Angeles (Mohr-Mitchel 1927) 40″ M—Plicata. Standards of snowy-white, lightly veined violet at the haft, with soft yellow beard. Price, 30c each; 3 for 75c.

Missouri (Grintner 1933) (Dykes Medal) 36″ LM—The giant blooms are a clear rich shade of medium blue with brown veinings at the haft. Fragrant. Price, 40c each; 3 for $1.00.

Morning Splendor (Shull) 38″ LM—S. violet-blue, F. rich dubonet-red veined with black. Price, 3 for 50c.

Naranga (Mitchel 1935) (AM) 36″ M—S. pure deep gold, F. gold washed orange-brown. One of the few orange-toned sorts. Price, 35c each; 3 for 90c.

Omaha 30″ M—S. Reddish-lavender, F. Red softening to rose-red. A large flower. Price, 3 for 50c.

Shining Waters (Essig 1933) 36″ M—An exquisite Iris reflecting the unclouded blue of a mountain lake at sundown. Well branched and flowers wonderfully symmetrical. Price, 30c each; 3 for 75c.

The Red Douglas (J. Sass 1937) (Dykes Medal 1941) 36″ M—A vibrant red of plush-like substance, the rich violet-red ground color is generously washed with bronze. The blooms are large and well formed, with tall well branched stems. Recommended as one of the most sensational of the new reds. Price, $1.75 each.

Wabash (Wmsn. 1936) (Dykes Medal 1940) 39″ M—By all odds the best of the amoena class. S. Snowy white and ruffled. F. Hyacinth-violet with white margin. Hardy and free blooming. The flowers of heavy substance and classical form. Price, $1.50 each.

William Mohr (Mohr 1925) 30″ EM—S. Deep lilac. F. Lilac. The whole immense flower is beautifully veined manganese violet. A remarkable hybrid. Price, 25c each; 3 for 65c.

Kaempferi Iris (2′-3′) *djnrsBQ*

The last of the Iris species to bloom. Their remarkable flowers are generally rather flat and wide. They are the most beautiful of all Irises, and should be planted in either early spring or fall in acid-soil.

Fascination—double mauve-pink, veined with white.
Gold Bound—double pure white, gold banded center.
Koko-No-Iro—double royal purple, yellow center.
Mahogany—double purple mahogany-red.
Uchiu—cerulean blue, veined white, gold center.
Any of the above, each 40c; 3 for $1.00; 10 for $3.00.

Siberian Iris (36″) *djklrsBN*

An established clump often produces fifty or more flowering stalks. Grows long, thin, tubular stems with ornamental grass-like foliage.

Duchess of York—Standards dark violet; falls large, circular, rich blue.
Mrs. Rowe—A silvery white, flushed rose.
Thelma Perry—Large, China blue flowers with a white throat.
Any of above Siberian Iris, 3 for 60c; 10 for $1.75.

Iris Pumila (10″) *dkmuBNR*

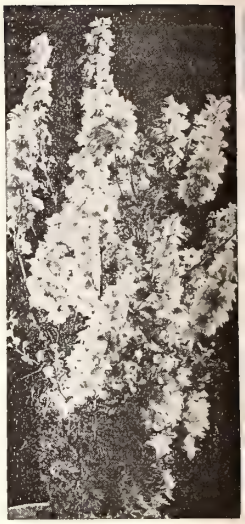
White, violet-blue and yellow. 3 for 50c; 10 for $1.50; 100 for $12.50.

Larkspur (4′-5′) *akrsFGN*

Giant Imperial — This type has superseded all others for florists' and garden use. The delphinium-like spikes of double flowers are compactly placed on the upright growing plants, requiring only about one-half the space needed for the old stock flowered type of Larkspur. (See page 20 for color.)

Rosalind (new)—Rose suffused salmon.

Blue Bell—Blue.
Carmine King—Carmine.
Daintiness—Lavender.
Exquisite Rose—Pink.
Lilac Spire—Lilac.
Los Angeles—Salmon.
Peach Blossom—Pink.
White Spire—White.



Larkspurs, Imperial

Giant Imperial Mixed—These and others.
Price—Any of above, Pkt., 10c; ¼ oz., 50c.

Liatris (48″) *cjrsCJN*

Pyconostachya—A very hardy midsummer blooming variety, producing richly colored purple flowers on long spikes. Plants, 3 for 60c; 10 for $1.75.

Scariosa, Sept. Glory—Giant spikes solidly covered from top to bottom with purple flowers, all coming in bloom at the same time. Plants, 3 for 75c; 10 for $2.25.

Scariosa, White Spire—Similar to September Glory in size and season, but a beautiful pure white spire. When cut they blend beautifully with Gladiolus. Plants, 3 for 75c; 10 for $2.25.

Lily-of-the-Valley

American Pips (for outside planting only)—Extra strong. Pips, 25 for $1.25; 100 for $4.50; 250 for $7.00.

Linum (Flax)

Perenne (Blue Flax) cjsFJN (18″)—Graceful foliage and blue flowers all summer. Pkt., 10c. Plants, 3 for 50c; 10 for $1.50.

Grandiflora Rubrum (Crimson Flax) ajsCH (2′) — Brilliant glowing crimson-rose. Blooms from May to October if sown successively. Pkt., 10c; ¼ oz., 20c.

Lobelia (6″) *akuFKS*

Crystal Palace Compacta — Rich, deep blue, dark foliage. Pkt., 10c; 1/16 oz., 35c.

Lunaria (Honesty) (36″) *ajsCG*

Annus (Biennis) (St. Peter's Penny)—Flowers purple, followed by silvery seed pods, prized for winter decoration. Pkt., 10c; ⅛ oz., 25c.

Lupinus

Hartwegi Giant Mixed ajtCK (36″)—It is the best annual type by all odds. Pkt., 10c; ¼ oz., 35c.

Russell Strain cjsCM (36″) — Illustrated in color on page 30. The color range is enormous and unique in character. Gold Medal, Royal Horticulture Soc., 1937. Pkt., 25c. Plants, 3 for $1.25; 10 for $3.75.

Marigold *ajstFHK*

Mission Giant Goldsmith (18″)—Winner Bronze Medal 1941. A rich, golden orange. Pkt., 10c; 1/16 oz., 30c.
Gigantea Sunset Giants (Full Double Mixture) (48″)—Remarkable new sweet-scented, robust grower, extremely large flowered, ideal for show purposes, florist use and garden decoration. Pkt., 10c; 1/16 oz., 35c.
African Orange Alldouble (48″)—Splendid orange. Pkt., 10c; ⅛ oz., 40c.
African Lemon Alldouble (48″)—A clear lemon yellow. Pkt., 10c; ⅛ oz., 40c.
African Tall Mixed (48″)—Extra large double flowers. Pkt., 10c; ¼ oz., 35c.
Miniature (French Double) Spry (9″)—Winner Silver Medal 1941. Clear yellow, crested center, with mahogany-red guard petals. Pkt., 10c; ⅛ oz., 35c.
Dwarf French Butterball (6″-10″)—Double canary-yellow flowers in continuous bloom. Pkt., 10c; ⅛ oz., 40c.
Dwarf French Double Monarch Strain (20″)—A greatly improved strain, very compact with large double flowers in a wide range of colors in combinations of orange, bronze, yellow, and mahogany. Pkt., 10c; ¼ oz., 35c.
Dwarf French Double Harmony Hybrids (12″)—100% All Double flowers average 1¾ inches in diameter. One of the outstanding introductions. Pkt., 10c; ¼ oz., 35c.
Sunkist—Silver Medal Winner 1943. Illustrated in color on page 20. The tiny six to eight-inch mound-like plants are literally covered with blossoms. Grand for bedding, borders or pot culture. Pkt. 25c.
Golden Bedder Chrysanthemum Flowered—Is one of the earliest Marigolds to begin blooming. The symmetrical plants are covered with golden orange, Chrysanthemum-like flowers. Pkt., 10c; 1/16 oz., 35c.
Signata Pumila (Gnome) (6″)—Dwarf plant, with delicate, fern-like leaves, densely covered with single flowers of bright golden yellow. Pkt., 10c; ¼ oz., 50c.

Morning Glories and Moonflowers *ajCDHK*

Scarlet O'Hara—Rich, dark rosy-crimson blossoms of good size. Pkt., 15c; ⅛ oz., 35c.
Pearly Gates (New)—A grand early flowering pure white. It companions Heavenly Blue in its nature of growth, size and quantity of bloom. Pkt., 15c; ⅛ oz., 35c.
Heavenly Blue Early Flowering—Sky blue, shading golden yellow in throat; extremely early. Pkt., 10c; ¼ oz., 30c.
Tall Mixed—All colors. Pkt., 5c; ½ oz., 20c; oz., 35c.
White Moonflower—Night blooming. Pkt., 10c; ¼ oz., 25c.

Mignonette (12″) *ajrFH*

Machet—Produces several spikes of greenish-rose and white flecked blossoms which are highly prized for fragrance. Pkt., 10c; ¼ oz., 30c.

Myosotis (Forget-Me-Not)

Alpestris Royal Blue boquBJS (4″)—These will form a compact carpet of deep blue flowers. Pkt., 10c.
Palustris Semperflorens coquBJS (4″)—A hardy, dwarf, blue. Seed, Pkt., 20c.

NASTURTIUMS *aksuFHR*

New Double Sweet Scented (12″)

Indian Chief (New)—Brilliant scarlet, dark foliage. The contrast of foliage and flower is unusually striking.
Golden Gleam—A blaze of golden yellow.
Scarlet Gleam—Fiery orange-scarlet.
Gleam Hybrids—A gorgeous color array.
Any of above—Pkt., 10c; oz., 20c.

Double Dwarf Globe Sweet Scented (8″)

Golden Globe—Deep golden yellow. Pkt., 10c; oz., 30c.
Scarlet Globe—Cerise-scarlet. Pkt., 10c; oz., 30c.

Single Nasturtiums

Best Tall Single Mixed (24″)—Pkt., 10c; oz., 20c.
Best Dwarf Single Mixed (12″)—Pkt., 10c; oz., 20c.

About Postage: Plants are not postpaid. If by mail, remit postage extra, 15c for 3, 40c for 10. All flower seed postpaid.

Nepeta (Ground Ivy) (6″) *cjqCJ*

Mussini—Neat bushes of small lavender-like foliage covered with spikes of lavender-blue. Seeds, Pkt., 25c. Plants, 3 for 50c; 10 for $1.50.

Nicotiana (Tobacco Plant) *ajsCG*

The flowers open toward evening and emit a fragrant perfume.
Crimson Bedder (15″)—The flowers are of a rich deep crimson. Pkt., 15c; 1/16 oz., 30c.
Affinis Choice Mixed (2′)—Pkt., 10c; ¼ oz., 30c.

Nierembergia (6″) *akuCHN*

Purple Robe (New)—An improved strain, giving a deeper blue color than Hippomanica. The dwarf cushion-like plants are covered with flowers till frost. Pkt., 25c.

Nigella (Love in the Mist) (15″) *aksFHN*

Miss Jekyll—Flowers of a lovely, tender blue, nestling in fine, feathery foliage. Pkt., 10c; ¼ oz., 30c.

Nemesia (15″) *aksFHN*

Large Flowering Mixture—Pleasing masses of low growth. The lovely orchid-like flowers bloom in a wide range of colors. Pkt., 15c; 1/16 oz., 40c.

Pentstemon (24″) *cksBJU*

Garnet (New)—This outstanding novelty produces many long spikes completely covered with rich, garnet-red blossoms. Very desirable. Plants only, 3 for $1.00; 10 for $3.00.

Pansies (5″) *akruFJS*

Giant International Mixture—It includes the richest reds, coppers and bronzes, together with the most delicate rose-pink shadings. Pkt., 25c; 1/16 oz., $1.00.
Roggli's Swiss Giant—Substantial, well-rounded, huge flowers are supported by long stems. Flowers measure as large as 4-5 in. across. Pkt., 50c; 1/16 oz., $1.25.
Steele's Miracle Mixed—This is one of the most colorful mixtures of mammoth pansies. Pkt., 25c; 1/16 oz., 85c.
Rocky Mountain Giants—A fine Swiss strain grown in our own Rocky Mountains. It has been outstanding in our trials for balance of colors and large size of blooms. Pkt., 25c; 1/16 oz., 85c.
Swiss Giants in Colors
Coronation Gold—the best true golden yellow.
Alpinglow—rich garnet-red.
Rhinegold—large yellow with dark center.
Lake of Thun—deep blue, darker center.
Prices of any of above, Pkt., 25c; 1/16 oz., $1.00.

PANSY PLANTS—Giant flowering plants carefully grown from the world's finest strains. Price, 50c per doz.; 8 doz., $3.00. Plants ordered by mail will be wrapped in ½ dozens. Add 15c per doz. for postage and packing. Express shipments will be packed 12 plants per basket (4 baskets per crate).

Pansy Rocky Mountain Giants

Giants of California

PETUNIAS *ajsFKL*

Fringed Giant Flowering Types

Dwarf Giants of California (Ramona Strain) — Dwarf, ruffled and fringed, with open, well-marked throats. Pkt. (200 seeds), 40c.

Giants of California (Finest Mixed)—These are of great beauty, including fringed and deep-throated sorts in endless variety of colors. Pkt., 25c.

Giants of California, Glamour Girl—Salmon-rose. Pkt., 25c.

Super Fluffy Ruffles—So ruffled and frilled that the flowers have the appearance of being double. Flowers are very large with a large throat. Pkt., 40c.

Ruffled Monsters—Giant flowers with large throat and exquisitely ruffled edges; many bewitching shades and colors. Pkt. (250 seeds), 40c.

New All-Double Dwarf Victorious

America—New All-Double Petunia. Winner of the Silver Medal Award 1943. Dwarf habit and prolific bloomer. Pkt., 50c. (See page 19)

Apple Blossom—rose-pink. **Loveliness**—LaFrance pink.
Gaity—rose-pink and white. **Mixed.**
Price, any of above, Pkt., 50c.

Single Giant Flowering

Elk's Pride (Improved Purple Prince)—Largest, darkest, and best velvety purple. Pkt., 25c; 1/64 oz., $1.50.

Single Bedding Petunias

Igloo—New All-America winner of the Bronze Medal 1943. The creamy white single flowers cover the plant in a sheet of bloom from early summer to frost. Pkt., 25c. (See page 19)

Radiance—A cerise-rose with underlying salmon. Pkt., 15c; 1/8 oz., 50c.

Celestial Rose (Improved Rose of Heaven)—A beautiful, rich, satiny rose. Pkt., 15c; 1/16 oz., 50c.

English Violet—New All-America flower for 1943. This purple violet brings a new color to this class. Free flowering plants 12-15" high. Pkt., 25c. (See page 19)

Topaz Rose—Fiery rose. Pkt., 15c; 1/8 oz., 50c.

General Dobbs—Crimson. Pkt., 10c; 1/8 oz., 35c.

Howard's Star—Velvety purple, white star. Pkt., 10c.

Snowball—Pure satiny white. Pkt., 10c; 1/8 oz., 50c.

Violet Queen—Violet-blue. Pkt., 10c; 1/8 oz., 35c.

Single Mixed—Pkt., 10c; 1/8 oz., 35c.

Velvet Ball (Nana compacta) (8")—Plants spread 8 to 10 inches. Blooms velvety blood-red. Pkt., 25c; 1/64 oz., $1.00.

Balcony Petunias

Trailing habit. Excellent for window or porch boxes.
White, Rose, Blue, Red and **Mixed.**
Any of above, Pkt., 15c; 1/32 oz., 35c.

Annual Phlox Drummondi (15") *aksFKN*

Well-branched plants, with large heads of bloom. Seed stocks limited again this year.

Red Glory (New)—Brilliant red with creamy white eye. Pkt., 15c.

Rosy Morn—Rose-pink with a white eye. Pkt., 15c.

Alba—Pure white
Coccinea—Scarlet
Chamois Rose
Isabellina—Yellow
Violet
Mixed

Any of above, Pkt., 10c; 1/8 oz., 50c.

Dwarf Phlox Mixed (Nana compacta) (6")—These make symmetrical bushes, covered with flowers during the whole summer and fall. Pkt., 15c; 1/8 oz., 60c.

Phlox Hardy (Decussata) (30") *dosCU*

(See page 30 for color illustrations)

Africa—Carmine red, blood red eye.

Caroline Vanderburg—Magnificent lavender-blue.

E. L. Farrington—Salmon-pink to soft pink.

Leo Schlageter—New brilliant scarlet-red overcast glowing orange. 30c each; 3 for 80c; 10 for $2.25.

Lillian—Lovely pure salmon-pink, resembling Columbia.

Mrs. Jenkins (Independence)—Still the best pure white.

Widar—Violet florets with clear white eyes create an unusual effect.

Any of above, except where otherwise noted—25c each; 3 for 70c; 10 for $2.00.

Phlox Subulata (Moss or Mountain Pinks) (6") *djuxB*

Alba—Pure white flowers in May. Moss-like compact foliage. 3 for 60c; 10 for $1.75.

Atropurpurea—Deep carmine red. Brilliant display.

Blue Hill—Compact growth, showy pale blue flowers. Blooms spring and again in fall.

Dixie Brilliant (Nivalis Sylvestris)—Dense moss-green foliage, completely covered with large rosy red flowers in early spring. 30c each; 3 for 80c; 10 for $2.50.

Vivid—Bright pink, loveliest dwarf Phlox to date.

Any of above, except where otherwise noted—25c each; 3 for 75c; 10 for $2.25.

Platycodon (2') *cjsCJ*

Grandiflorum—Large, showy, deep blue flowers on 20 in spikes. Pkt., 10c. Plants, 3 for 50c; 10 for $1.50.

Annual Poppies *aks*

American Legion — Lovely, single, bright orange-scarlet, white maltese cross. Pkt., 10c; 1/4 oz., 20c; oz., 60c.

Shirley, All-Double Mixture—Re-selected all-double blooms with the full range of colors found in both old and new. Pkt., 10c; 1/4 oz., 25c.

Shirley, Single Mixed—Satiny flowers of various colors. Pkt., 10c; 1/2 oz., 30c; oz., 45c.

Special Mixture, Single and Double—Comprises all of the double and single types in an endless variety of color. Pkt., 10c; 1/2 oz., 25c.

Iceland or Nudicale (15") *cjsFJ*

Elegant plants bearing an abundance of delicate crinkly petaled blossoms on long, slender stems. **Yellow, white, *Emperor orange, and mixed.** Pkt., 10c. *Plants, 3 for 50c; 10 for $1.50.

Oriental Poppies *cksBJN*

Field grown roots of Oriental Poppies can be supplied beginning in August. We have a limited stock growing in pots for spring delivery.

May Sadler—One of the finest salmons.

Perry's White—Pure white.

Toreador—Dark crimson with large black blotch.

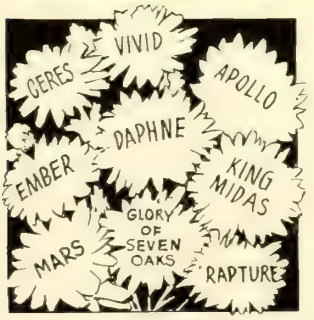
Plants of above, 3 for $1.00.

Wunderkind—Noblest of all pinks. Price, 3 for $1.35.

Red Oriental—An old favorite. Price, 3 for 50c; 10 for $1.50.

Oriental Hybrids—Mixed colors. Seed only, Pkt., 10c.

SPECIAL OFFER NO. 328	One each of the five splendid Oriental Poppies described above.	$1.45 Postpaid



Early Flowering Hardy "Mums"

(See page 23 for descriptions and prices)

P.-W.'s Collection Offers

No. 329A Consists of one plant each of above 9 varieties (9 plants in all). PREPAID FOR ONLY . . . $1.90

No. 329B Consists of 2 plants of each of the 15 varieties described on page 23. (30 plants in all.) PREPAID $5.50

Tritoma Grandis

Also known as Torch Lily, Flame Flower, Red Hot Poker. Very popular for garden decoration and one of the best flowers for cutting.

(See page 33)

(Upper) **Widar.**
(Lower) **E. L. Farrington.**

Africa

Description of all our PHLOX on page 29.

(Upper) **Mrs. Jenkins**
(Lower) **Lillian**

P.-W.'s FIVE-STAR PHLOX COLLECTIONS

No. 330A (One of each of above) Postpaid $1.00

No. 330B (Two each of above plus one additional root, our selection, very choice) . . $2.00

(Below)

Primula, Giant Munstead Strain

(See page 31)

A magnificent strain of large-flowered Primroses, the flower everybody loves. They come in a variety of colors. All hardy field-grown plants. They will thrive in a rich moist loam soil freely mixed leaf mold and peat. Most gardens contain a damp shady spot, or a rockery, and this would be one of the most interesting hardy plants for such a location.

COLLECTION No. 330-D

Consisting of 3 plants each of Tritoma Grandis, Primula Giant Munstead and Russell Lupins, nine plants in all.

(Reg. value $3.65.)

All Prepaid,

$3.00

(Right)

Russell Lupins

(See page 26)

This lovely English strain brings to American gardens many new and extraordinary colors never before seen in Lupines. They require ample moisture, full sun, and protection from the hot drying winds of summer.

Portulaca (Moss Rose)

P.-W.'s Lge. Flowering Single Mixed—Crop failure.

P.-W.'s Double Mixture—Crop failure.

Primula (Cortisoides) (8″) *couBJSU*

Lovely rose colored flowers on naked stems above a cluster of soft wrinkled heart-shaped leaves. Plants only. Price, 3 for 75c; 10 for $2.00.

Salvia America

Primula (Polyanthus) (8″) *cluAMS*

Giant Munstead Strain—A wonderful improved strain of English polyanthus bearing giant flowers in many new and desirable colors. Seed, pkt., 25c. Plants, 3 for 75c; 10 for $2.00

See page 30 for color illustration.

About Postage:

Plants are not postpaid. If by mail, remit postage extra, 15c for 3, 40c for 10. All flower seeds postpaid.

Pyrethrum Roseum Single

Pyrethrum (Painted Daisy) (24″) *cjrBJ*

Buckeye—This is a very fine variety with large double, rich red flowers. It is a strong grower.

Huntington's Scarlet—A very oustanding flower of unusually large size. The single scarlet blossoms have a touch of gold in the center.

Plants of above, 3 for $1.15; 10 for $3.50.

Roseum Double Mixed—15% to 25% will be double. Seed only, pkt., 25c.

Roseum Single Mixed—Seed, pkt., 15c. Plants, 3 for 50c; 10 for $1.50.

Ricinus (Castor Bean) (12′) *ajntHS*

Zanzibariensis Mixed—The ornamental leaves beautifully lobed are 2½ to 4 feet across. Each plant makes a perfect pyramid of foliage. Pkt., 10c; oz., 25c.

Salpiglossis (Emperor) (30″) *ajsCG*

Most attractive; should be in every garden. Each flower is veined with a glint of gold.

Velvety Red, Violet, Golden Yellow, Light Blue and Gold, Scarlet and Gold. Each of the above, per pkt., 10c; ⅛ oz., 30c.

Finest Mixed—Large improved strain, complete range of colors. Pkt., 10c; ⅛ oz., 30c.

Salvia (Scarlet Sage) *aksDLP*

Stocks of seeds are limited again this year.

America, or Globe of Fire—Lovely dwarf plants. Pkt., 25c.

Splendens (Scarlet Sage)—Tall, bright scarlet. Pkt., 15c.

Saponaria (6″) *cjquBI*

Ocymoides—Very showy, producing masses of small, bright rose flowers. Pkt., 10c. Plants, 3 for 50c; 10 for $1.50.

Schizanthus (15″) *aksCKN*

Dr. Badger's Improved Giant Flowered Hybrids—Outstanding brilliant flowers, ranging in color from light pink to deep purple. Pkt., 25c.

Large Hybrids, Mixed—All colors. Pkt., 10c.

Scabiosa *ajrFL*

Blue Moon (Imperial Giant)—Large, fully double blooms of deep lavender-blue produced on long, strong stems, making them good for cutting. Pkt., 15c; ⅛ oz., 25c.

Rosette—New large flowered variety of lovely color tones. Pkt., 10c; ⅛ oz., 25c.

P.-W.'s Giant Hybrids, Mixed—Includes all the new and rare colors. An unrivaled mixture. Pkt., 10c; ⅛ oz., 25c.

Shasta Daisy (see Chrysanthemums, page 23).

Sedum *ckguBIN*

Acre (Golden Moss) (4″)—Forms a compact carpet of fine, light green foliage covered with small, soft golden yellow flowers. Pkt., 25c.

Brilliant (6″)—Creeping form. The round, bluntly-toothed leaves have a tint of red on the edges. The light rose-red blossom heads are produced on erect stems above the foliage.

Stolonifera (5″)—Has fleshy, succulent leaves. Flowers are rosy pink.

Plants of any of above, 3 for 50c; 10 for $1.50.

Silene (6″) *cjuCT*

Schafta (Catchfly)—A charming border or rock plant, growing 4-6 inches high, with masses of bright pink flowers from July to October. Pkt., 15c. Plants, 3 for 50c; 10 for $1.50.

Scarlet Runner (8′) *aktCHS*

A great favorite, not only as an ornamental climber, but for the delicious edible beans which succeed the spray of bright scarlet, pea-shaped blossoms. Oz., 10c; ¼ lb., 25c.

Schizanthus

P.-W.'s PERENNIAL ROCK GARDEN COLLECTION

The most popular and most adaptable varieties. 3 plants of each.

Variety	Time of Bloom	Color
Anemone, Sylvestris	May and June	White
Aubretia, Bougainvellei	April	Blue
Campanula, Rotundifolia	All summer	Blue
Dianthus, Graniticus	June	Red
Phlox Sublata, Lilac	Late May	Lilac
Saponaria, Ocymoides	Early July	Rose-pink
Sedum, Stolonifera	July	Pink
Thymus, Coccineum	Late June	Red

24 plants in all (Regular prepaid value $4.65). Prepaid for **$3.50**

P.-W.'s SWEET PEAS *akorFGS*

EARLY FLOWERING SPENCERS (72″)

The new type is in great demand for forcing under glass and for outdoor culture, coming into flower five or six weeks earlier than the regular summer flowering type. If flowers are kept picked, will continue to bloom over a period nearly four months.

Bridesmaid—deep silvery pink with unusually long stems.
Fragrance—large, frilled, lavender flowers; fragrant.
Hope—a pure white, noted for the exquisite texture of its blooms.
Laddie Improved—the best clear, light rose-pink.
Majestic Rose—immense deep rose-pink flowers on long stems.
Mariner—a clear, marine-blue, the purity of which makes it outstanding.
Mars—lovely, well-formed, rich oxblood-crimson.
Orange King—this variety is a splendid glowing orange.
Shirley Temple—soft rose-pink. Carries four enormous, well-proportioned blooms to a stem.
Price—Any of above, pkt., 10c; oz., 35c; ¼ lb., $1.25.
P.-W.'s Early Flowering Spencer, Best Mixed—The above and many other varieties properly blended for a harmonious color effect. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., $2.50.

Early Flowering Color Collections

Offer 332A	1 pkt. each of above 9 varieties. Special. Postpaid.....	$1.00
Offer 332B	One ounce each any 4 varieties. Your selection. Postpaid.....	$1.25

SUMMER FLOWERING SPENCERS (72″)

We offer the very choicest and most distinct varieties, each one in its respective color, and sure to give entire satisfaction.

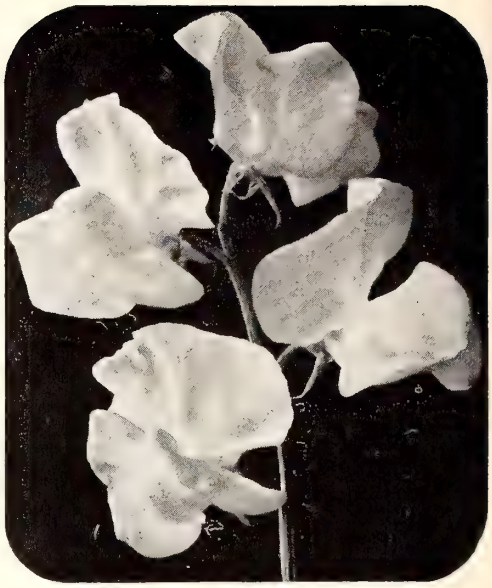
Ambition—best large-flowering lavender; flowers are waved.
Bonnie Briar—a sparkling rose-pink of immense size.
Capri—we believe it is the finest light blue ever introduced.
Chieftain—a very fine variety with satin-mauve flowers.
Floradale—a rich salmon-pink on cream ground.
Grand National—large, frilly, deep cream.
Leviathan—a rich maroon of good substance.
Mrs. A. Searles—rich pink merging into Orient red.
Olympia—A beautiful rich purple color.
Prince of Orange—without doubt this is the best deep orange.
Rubicund—a crimson-scarlet, vigorous in growth.
Ruffled Blue—mid-blue flowers, vigorous grower.
Ruffled Carmine—bright carmine-rose.
Ruffled Rose—rich rose.
Snow White—a solid paper-white with immense blooms on long pencil stems.
Welcome—most brilliant and dazzling scarlet Sweet Pea; really magnificent.
Youth—a lovely white with pink edge.
Any of above, pkt., 10c; oz., 25c; ¼ lb., 75c; lb., $2.25.
P.-W.'s Giant Spencer Silver Gilt Medal, Mixed—The finest assortment of Giant Spencers obtainable at any price. A formula mixture containing 75 named varieties, including the latest novelties. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., $2.25.

Special Color Collection

Offer 332C	One Dozen Packets. Your selection. Postpaid.....	$1.00
Offer 332D	One ounce each any 5 varieties. Your selection. Postpaid.....	$1.00

Cupid or Dwarf Spencer Sweet Peas (6″)

These form a line of emerald-green foliage a little over a foot wide. From June until late Summer are literally a sheet of bloom; mixture contains all the colors. Pkt., 10c; oz., 60c; ¼ lb., $1.75.



P.-W.'s Giant Spencer Sweet Peas

Statice (Sea Lavender)

Latifolia cjrCJN (2′)—Plumes of deep lavender flowers useful for drying for winter. Pkt., 10c; Plants, 3 for 50c; 10 for $1.50.

Sinuata ajrBHN (30″)—Pretty rosettes of foliage from which rise branching flower stems. We furnish blue, rose, white, and mixed. Pkt., 10c.

Stokesia (Stokes Aster) (18″) *cjrCJ*

Cyanea—A very hardy, bushy plant with rich green leaves. Large flowers with finely divided petals of a rich azure blue, like a giant cornflower, are borne profusely over the whole plant. Pkt., 10c. Plants, 3 for 50c; 10 for $1.50.

Stocks (1′) *aksBHK*

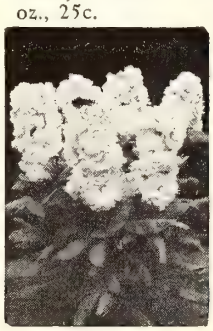
Improved Large Flowering 10-Week Stocks—In colors as follows: white, yellow, rose-pink, crimson, light blue, dark blue, mixed. Each of above, pkt., 10c; any 3 pkts. for 25c; ⅛ oz., 50c.

Double Giant Imperial Mixed (30″)—Very early blooming; produces high percentages of doubles. For both greenhouse and outdoor culture. Pkt., 15c; ⅛ oz., 50c.

Evening Sweet Scented (Matthiola Bicornis)—Lilac flowers; exquisitely perfumed. Pkt., 10c; ½ oz., 20c.

Sunflower (4′) *aktBHN*

Chrysanthemum Fl. Double—Majestic, immense showy flowers. Golden yellow. Pkt., 5c; ½ oz., 25c.



Stocks
(Ten Weeks)

Sunflower
(Chry'm Fl'd)

Single Giant-flowered Sweet William

Sweet William (Dianthus Barbatus) (18″) *ejsBJN*

This charming old favorite is offered in both single and double forms. The former being the more hardy and easier culture.

Single Giant-flowered Mixed—Pkt., 10c.
Double Giant-flowered Mixed—Pkt., 15c.
Separate Colors, Single Pink and Red—Pkt., 10c.
Plants, any of above, 3 for 50c; 10 for $1.50.

Teucrium (12″) *cjpuNW*

Chamaedrys—Dense bushy plants with glossy evergreen foliage resembling dwarf boxwood; may be used in place of boxwood where the latter is not hardy. Can be clipped to suit any height up to 12 in. Plants, only, 3 for 75c; 10 for $2.00.

Thymus (3″) *ckqu*

Serphyllum Coccineum—Creeping, wiry stemmed variety with small dark red flowers. Used extensively for planting between stepping stones and on rock walls. Plants, 3 for 60c; 10 for $1.75.

Tritoma (36″) *cejrtCJS*

Grandis Pfitzer (Red Hot Poker)—Dense spikes of glowing orange-scarlet. Valuable for cutting or for color in the late summer garden. Pkt., 10c. Plants, 3 for 60c; 10 for $1.75.
(See page 30 for color illustration)

Trollius Ledebouri (20″) *djsB*

Golden Queen—Desirable, free-flowering plants producing their giant orange-yellow, buttercup-like blossoms singly on 12-18 inch stems. The Delphinium-like leaves are attractive all summer. Seed, 25c pkt. Plants, 3 for $1.25; 10 for $3.50.

Tunica (6″) *ckuCJN*

Saxifraga—A pretty tufted plant with light pink flowers, produced all summer. Pkt., 10c. Plants, 3 for 50c; 10 for $1.50.

Valeriana (2′) *cjsFJ*

Coccinea—Forms bushy mounds of soft green foliage above which are produced the showy heads of old rose flowers on 12-inch stems. Seed, pkt. 10c. Plants, 3 for 50c; 10 for $1.50.

Veronica *ckuBJN*

Prostrata—Very low growing light green, carpet-like plant. The flowers are inconspicuous but it is an excellent ground cover. Pkt., 15c. Plants, 3 for 50c; 10 for $1.50.
Rupestris Nana (6″) ckuBJN—Semi-creeper. Light green foliage. Sky-blue flowers on spikes 4 to 6 inches in length. Pkt. 15c. Plants, 3 for 50c; 10 for $1.50.

Venidium Fastuosum

Viola Cornuta

Venidium (36″) *akSFHS*

Fastuosum (Monarch of the Veldt)—Magnificent annual from South Africa. Has large, daisy-like, orange colored flowers marked with black at the base of each petal. Attractive, woolly, grayish green foliage. Pkt., 20c; 1/16 oz., 50c.

Vinca *djqxBN*

Minor (Grave Myrtle) (4″)—Beautiful glossy evergreen foliage forms a dense carpet sprinkled over with small, bright blue flowers.
Major (10″)—This variety has larger leaves and is more erect than Minor. It is evergreen and a vigorous grower. Plants only, 3 for 45c; 10 for $1.25; 100 for $12.00

Viola *cjuFJ*

Cornuta (Scotch or Tufted Pansies) (4″)—These form low mounds of foliage beautifully decorated with many violet-like flowers, each on its own stem. **Blue, violet, white, yellow, rose,** and **mixed.** Pkt., 10c; 1/16 oz., 50c. Plants 50c per dozen, plus 15c for packing and postage. In lots of 4 dozen, plants packed in baskets and shipped by express. 8 dozen, $3.00.
Jersey Gem—Flowers of rich, pure violet, large and fragrant, flowering persistently all summer. Long stems; a good cut flower. Pkt., 25c.
Odorata (Sweet Violet) (6″) cjlqxAJ—The popular, well known violet. Large, single, deep violet-blue flowers of exceedingly rich fragrance. (Seed not available this season.) Plants, 3 for 45c; 10 for $1.25.

Yucca (6′) *cjtuBJ*

Filamentosa (Adam's Needle)—Handsome creamy white flowers, much branched and densely packed with bloom, with sword-like foliage. Seeds, pkt., 10c. Plants, 3 for 50c; 10 for $1.50.

About Postage: Plants are not postpaid. If by mail, remit postage extra, 15c for 3, 40c for 10. All flower seeds postpaid.

Tritoma

Yucca

Zinnia Dahlia Flowered

COLORFUL VERBENAS *aksFGN*

Hybrida Dwarf Compact (Erect) (6″)

Giant Verbena

We like this type best for borders and edging, as well as massing. Very neat and compact in habit and continuous blooming.

Blue Sentinel (New)—violet blue, white eye.
Fireball—bright scarlet.
Chamois—pale chamois tinted buff.
White—creamy white.
Compact Dwarf Choice Mixed
Each of above, pkt., 15c; 3 for 35c.

Other Verbenas

Canadensis Brilliant (12″) eksFHN—Of spreading habit, they produce a continuous supply of vivid glowing scarlet blossoms. Plants only, 3 for $1.00; 10 for $2.75.

Giant Hybrids (12″) aksFHNS—A magnificent strain of Verbenas; robust, free blooming. It has more flowers to each truss and the florets are large.
Brightness—rosy cerise scarlet, white eye.
Brilliant—flame rose, white eye.
Pure White—just as the name implies.
Royale—royal blue, creamy yellow eye.
Spectrum red—intense bright red.
Mixture of Giants—carefully blended.
Each of above, pkt., 10c; ⅛ oz., 50c.

Erinoides (Moss Verbena) (8″) akgFHNS—A carpet of moss-like foliage bearing heads of purplish blue and white blossoms. Pkt., 10c; ⅛ oz., 40c.

Venosa (12″)—Of branchy habit with long, deeply-cut leaves and many heads of bright purple flowers. Pkt., 10c; ⅛ oz., 40c.

Wallflower *ejsuJN*

Well known, deliciously fragrant half-hardy perennials, blooming early in spring, with spikes of beautiful flowers. **Single Mixed**—All colors. Pkt., 10c; ¼ oz., 25c.

Wild Cucumber *ajtHN*

Thirty feet. This is the quickest and easiest growing climber on our list. It will quickly cover an old tree or an unsightly building. Pkt., 10c; ½ oz., 20c; oz., 35c.

The Gorgeous Zinnia *akrsFHN*

Giant Double Dahlia-flowered (36″)

The flowers often measure 4 inches in depth and 4-6 inches across and are abundantly produced. They are the most desirable of all the large double Zinnias.

Canary Bird—primrose yellow.
Crimson Monarch—flaming crimson.
Dream—deep lavender blue.
Exquisite—light rose with center deep rose.
Oriole—orange and gold bicolor.
Polar Bear—white.
Will Rogers—lovely brilliant scarlet red.
Each of above, Pkt., 15c; 4 for 50c; ⅛ oz., 30c.
Giant Dahlia Flowered—gold medal mixed.
Pkt., 15c; ⅛ oz., 30c; ¼ oz., 50c.

Lilliput or Pompon (12″-15″)

Many gardeners greatly enjoy the tiny miniature Zinnias which skilled plant breeders are now giving us.

Black Ruby—very dark rich red.
Canary Yellow — Salmon Rose
Crimson Gem — White Gem
Lilac Gem — Pastel Mixture
Each of above, pkt., 10c; ¼ oz., 35c.

Various Zinnias

Fantasy Mixed (24″)—A novelty type with shaggy, quilled, and curled petals. Colorful mixture, pkt., 10c; ⅛ oz., 25c.

Haageana (Mexican Hybrids) (12″)—Very bushy, free-flowering plants covered with small double blossoms of pointed striped petals. The predominating colors are yellow, orange, mahogany, and red. Pkt., 10c; ⅛ oz., 30c.

Howard's Giant Crested (36″). — This aristocrat of all crested Zinnias brings a higher degree of refinement to the Zinnia family. Flowers 4-5 inches in diameter with full, round, cushioned centers surrounded by broad guard petals. This lovely new strain contains all the shades of orange, scarlet, yellow, rose, and crimson. Pkt., 15c; 3 for 40c; ⅛ oz., 40c.

Linearis (10″)—A very profuse blooming, bushy plant. The small single flowers are golden orange with stripe of lemon yellow in each petal. Early flowering. Pkt., 15c; 3 pkts., 35c.

SPECIAL!
One packet each of Fantasy, Haageana, Howard's Crested, and Linearis.
Offer No. 334.....45c

Zinnia Haageana

Howard's Giant Crested

Flower Seed Mixtures

Wild-Flower Mixture ajsFHN—This is a surprise collection, containing practically every annual in existence. Pkt., 10c; oz., 25c; ¼ lb., 80c.

Rock-Garden Mixture juFH—All the dwarf flowers, cultivated and wild, annual and perennial, that are suitable for the rock-garden. Sow it amid the rocks and boulders of your garden. Pkt., 10c.

See page 77 for explanation of key letters immediately following variety name

HARDY WATER LILIES AND PLANTS

Water Gardens are now all the "rage" and rightly so, for what is there that would give the "Outdoor Living Room" a more distinctive touch than a charming Lily Pool.

If your yard is too small for a large pool, you can at least enjoy a miniature. An attractive pool can be made in a small tub which requires a space no larger than four by four feet. Even with such an improvised pool you can transform an uninteresting spot into a center of interest in your Home Grounds.

Hardy lilies are equally at home in concrete pools, half barrels, or tubs; and with a little care to prevent actual freezing of the roots, their beauty and fragrance may be enjoyed year after year. Lack of experience will not interfere with results, as water lilies "just grow" when provided with sunlight, rich soil and warm, shallow water.

The best soil is a heavy, fibrous loam clay, mixed with well-rotted cow manure or bone meal. Do not use sand, leaf mould or peat. Fresh manure must be avoided; its fermentation may sour the water or burn the roots.

Prices include delivery charges.

Attraction—The petals are Garnet red, with almost white sepals. One of the choicest of all water lilies. Flowers unusually large, sometimes 8 inches. One of the longest blooming hardy lilies. $2.00 each.

Chromatella (Yellow)—Perhaps the most popular of all. Sulphur yellow in color with broad curving petals. Blooms throughout the spring and summer months. Leaves are handsomely splotched with maroon. Vigorous, very hardy. Special featured, $1.25.

Comanche—A rich apricot, changing later to a deep coppery bronze, to a glowing red in the depths of the flower. The best of the sunset colors, and very hardy. Charming. $2.00 each.

Conqueror—Large flowers 8 inches in diameter. Color, Cherry red, deepening with age, stamens orange-yellow, sepals almost white. Continually in bloom during the spring and summer. One of the showiest. $1.75 each.

Gloriossa—A truly remarkable red; satisfactory everywhere. Thrives under most extreme conditions. Blossoms delightfully fragrant and are often 6 to 7 inches across. The best red. $2.00 each.

Gonnere—Snowy white, averaging eighty petals to the flower, making a nearly full globe. The leaves are small and it does not require much room to grow, but gives an abundance of blooms. One of the very few double water lilies. $2.50 each.

Marliac Pink—Pale, pink flowers of unusual size and abundantly borne throughout the entire season. One of the most popular pinks. A good strong grower, one of the best for the amateur. $1.25 each.

Marliac White—Snowy white petals with bright yellow stamens. The fragrant blossoms are five to six inches in diameter. Sepals are tinted with pink. In bloom continually. $1.25 each.

Masaniello—Some years ago this splendid French hybrid was introduced, but all too soon our stock was sold out. Lately it has received much attention and we are again offering this fine variety. Its cup-shaped flowers are pink dotted with carmine and have a most pleasant fragrance. A free bloomer and very desirable. Special indeed at $1.50.

Pink Opal—An attractive deep pink, a medium size flower. It is one of the finest pink lilies for cut flower purposes. The buds are nearly round. When open, the petals are short, and the flower stands well above the water. $1.25 each.

Scavengers for Pools

All aquariums and pools need scavengers—fish to feed upon the insects, snails to devour algae and green scum. In all well-balanced pools goldfish and snails should be kept.

Trapdoor Snails (large)—They devour algae and green scum, and help to keep the water clear. They do not lay eggs, but bring forth young fully developed. 2 for 25c.

Paper Shell Snails—Medium size snails with shell characteristics of their name. Very prolific egg layers, and are very active scavengers. 15c a pair, 60c a dozen.

Hardy Water Lily and Plant Collection No. 335

Consists of one each of Conqueror and Chromatella Lily, 1 bunch Parrot Feather, 2 Water Hyacinths, 2 large Trapdoor Snails. Regular value $3.75. Postpaid..... **$3.00**

Shallow Water Plants

Arrowhead—Leaves arrow-shaped. Plant bears large spikes of pure white flowers, about 2 feet tall. 25c each.

Parrot Feather—Green shoots trailing over the water, forms soft airy masses about the base of taller plants. One of the best for planting in fountain basins or along the rocks in pools. 25c bunch.

Water Poppy—Cheerful yellow flowers like golden California Poppies. With a maroon eye the blossoms are handsome and are borne in greatest profusion all summer long. Plants look like miniature Water Lilies. Grows easily and quickly. Plant plenty of them. 15c or 4 for 50c; $1.00 per dozen.

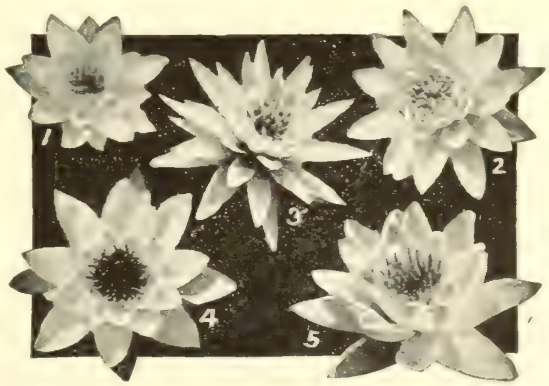
Water Hawthorne—This exquisite water plant is the best of all the small aquatics. It blooms incessantly, the dainty white blossoms are forked and sprinkled with tiny black anthers. It has the true sweet fragrance of English Hawthorne and blooms and grows here even with ice on the pool! Plant in water from 4 to 12 inches deep. Special at 35c. 3 for $1.00.

Shell Plant—A beautiful floating shell-like plant, sending its slender roots down into the water. Spreads rapidly. Prefers a warm, shady situation. 20c each.

Water Hyacinth—The most elegant of floating plants whose delicate spikes of blossoms rival an orchid for beauty. Most easily grown it flowers best when its roots are allowed to find soil 6 to 8 inches below. 2 for 25c; $1.25 per dozen.

Sacred Lotus

Throughout America the Lotus grows luxuriantly and is perfectly hardy everywhere. This queen of aquatic flowers with its stately beauty thrives abundantly during our warm summer months, sending up its great shield-shaped leaves sometimes to a height of 6 feet. The gigantic blossoms, almost a foot across, overtop the leaves. They require the same general treatment as water lilies, growing in water from 6 to 12 inches deep. They like to be started in from 4 to 6 inches of water, but after they take told will thrive in even 2 feet. Give them a rich heavy loam, avoiding fresh manure, until they are growing. From the banana-like root they send out long runners which send up a leaf and a flower at each joint $2.00 each.



NOTE—All Water Lilies and shallow water plants can be shipped from early Spring until August, but it is best to order early so they can get a good start, also that you may not be disappointed in your selection.

P.-W.'s HARDY CLIMBING ROSES *hjtBNVY*

Climbing Roses for Charming Effect

Silver Moon—Beautiful semi-double flowers, four inches and over in diameter, pure white, beautifully cupped with golden stamens in center. 75c each.

American Beauty—Has the same deep rose-pink color, large size, and sweet fragrance of the American Beauty bush type. 75c each.

American Pillar—Flowers single, three to four inches across, of a lovely shade of pink, with a clear white eye and long, golden stamens. 75c each.

Chevy Chase (Pat. No. 443)—For color in great panicles of red there is none in the climbers that compare with this splendid new rose. In this area it blooms for several weeks during May and June and possesses healthy, abundant foliage free from mildew from then until frost. $1.50 each.

Dr. W. Van Fleet—The long, pointed buds are of rich flesh-pink on stems 12-18 inches long. 75c each.

Flash (Pat. No. 396)—An "All-America rose selection." A new hardy climber with a color that is certainly flashy, vivid orange-scarlet with the backs of the petals gleaming yellow. $1.00 each; 3 for $2.50.

King Midas (Plant Pat. app. for)—This new Hardy Climbing Rose is vigorous in growth and richly clothed from the ground up with dark green, leathery foliage—covered with large, slightly fragrant yellow blooms, profusely in May and June. $1.50 each; 3 for $3.75.

Paul's Scarlet—The flowers are an intense vivid scarlet, semi-double, and very freely produced in clusters of from 3 to 20 blooms on long-branched cones. A mass of color. 75c each.

Paul's Lemon Pillar—Pale lemon buds and light yellow, double, well-formed fragrant flowers. Strong grower. 75c each.

Mary Wallace—Flowers are well formed, rose-pink with salmon base; large, glossy foliage. 75c each.

3 Hardy Climbers
Paul's Scarlet
Mary Wallace
Silver Moon
Offer 336A
$1.75
Postpaid

P.-W.'s EVERBLOOMING CLIMBING ROSES *hktFVW*

While these varieties do not bloom as constantly as their Hybrid Tea parents, yet their bloom period recurs during the season so they are classed as everbloomers. Where possible, give them a protected situation.

Blaze (Pat. No. 10)—A blazing scarlet beauty. Hardy everblooming Paul's Scarlet Climber. $1.00 each; 3 for $2.50.

Cl. Countess of Stradbroke—Immense flowers of the darkest and richest red. Fragrant as well as impressive. $1.00 each; 3 for $2.50.

Cl. Countess Vandal (Pat. No. 38)—Produces the same long, pointed buds of coppery-bronze, pink and gold, as the bush form in even greater profusion. $1.00 each; 3 for $2.50.

Cl. Dainty Bess—Large, single blooms of blush-pink decorated with wine red stamens. New; one of the best. 85c each.

Cl. Dr. J. H. Nicolas (Pat. No. 457)—The ideal everblooming pillar or climbing rose; double, lovely rose-pink flowers in clusters of three or four to a long, strong stem. $1.50 each; 3 for $3.75.

Cl. Etoile de Hollande—Magnificent both in bud and bloom. Flowers identical to the bush form. 85c each.

Cl. Gen. McArthur—Intensely fragrant, dark scarlet crimson. 85c each.

Cl. Mrs. Sam McGredy—A beautiful coppery scarlet-orange. $1.00 each.

Mermaid—Blooms steadily throughout the season and produces quantities of exquisitely beautiful single flowers of great size, pale sulphur-yellow with a gold center. Its bright, glossy evergreen foliage is just as beautiful in winter as in summer. 85c each.

Cl. Mme. Ed. Herriot—Brilliant coral-red buds opening to flowers of flaming pink and orange. 85c each.

Cl. Mme. Jules Bouche—Best double, white, borne singly on long stems; pleasantly fragrant. 85c each.

Cl. Mrs. E. P. Thom—Well-formed blooms of clear yellow, one of the best yellows. 85c each.

Cl. President Hoover—The same high qualities and blooms as the bush form. Maroon-orange, gold and cerise-pink. 85c each.

Climbing Radiance—Sport of the popular rose-pink bush rose. 85c each.

Cl. Reveil Dijonnais—One of the most spectacular of all climbers; so rich in coloring that you can hardly believe that the blooms are real. The immense blooms are a brilliant cerise-pink with a yellow center. 85c each.

Cl. Talisman—Flowers same as bush form; rich, golden, reddish-apricot, stained copper. 85c each.

Proper Rose Storage is Important

Roses are perishable, so must be handled under proper conditions in a suitable building. They suffer quickly from evaporation of moisture if exposed to dry air. We have the most modern facilities, controlled temperature and moisture, and Peat Moss root protection, which preserves them in perfect condition until after May 25.

EVERBLOOMING CLIMBERS
Special Offer 336B
1 Cl. Gen. McArthur
1 Cl. Radiance
1 Cl. Talisman
$2.00
Postpaid

HARDY BUSH AND SHRUB ROSES

Hybrid perpetuals, sweet briar, rugosa, and hybrid rugosa roses. Valuable for their hardiness and vigor of growth as well as profusion of bloom. Produce successfully without protection in colder regions where other types are difficult.

Hybrid Perpetuals *gkpsBNVW*

American Beauty—Carmine-red. 75c each.
American Beauty White—75c each.

Rugosa and Hybrid Rugosa *gkpsFNVW*

Dr. Eckener—Semi-double flowers of coppery rose and golden yellow. Very fragrant. (H. 5′-6′). 75c each.
F. J. Grootendorst Red—Red flowers in clusters. (H. 3′-4′). 75c each.
F. J. Grootendorst Pink—Pink flowers in clusters. (H. 3′-4′). 75c each.

Sweet Briar and Shrub Roses *gkptBNVW*

Austrian Copper—Bright, coppery red, the reverse of the petals golden yellow. (H. 6′-7′). 75c each.
Rosa Hugonis—Delicate yellow single flowers on long, arching sprays early in May. (H. 6′-7′). 75c each.
Rubrifolia—Intensely pink, starry flowers, red foliage. (H. 6′-7′). 75c each.
Skyrocket—Large clusters of brilliant red blooms throughout the entire season. (H. 5′-6′). 75c each.

FREE Leaflet on Roses gives detailed information. Ask for it.

"Shrub Rose"—Rosa Hugonis

EVERBLOOMING POLYANTHA AND FLORIBUNDA ROSES

Hardy as Oaks; bloom as freely as Geraniums. A mass of color from June till snow.

Hardy, everblooming, dwarf habit, specially bred for mass planting. Plant in groups of from not less than three plants of a kind to a hundred or more in beds or shrub borders. They are not only permanent but are more colorful and beautiful than the tender-foliaged bedding plants used heretofore for this purpose. Plant about 14 inches each way.

Floribunda Roses *hkpsAVW*

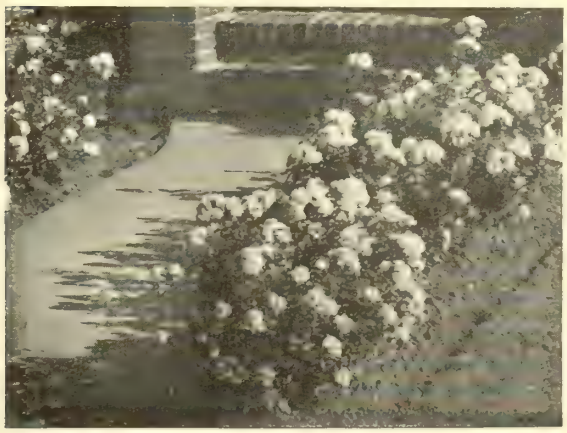
Large Flowering Clusters

Anne Poulsen (Pat. No. 182)—Large, semi-double scarlet-crimson, in large sprays. (H. 24″-30″). 85c each; 3 for $2.15; 12 for $8.50.

Baby Chateau—Large semi-double flowers in clusters of velvety dark red. 45c each; 10 for $4.00; 100, $36.00.

Donald Prior (Pat. No. 377)—Great clusters of semi-double flowers, striking bright scarlet. (H. 24″-30″). 85c each; 3 for $2.15; 12 for $8.50.

Else Poulsen—Lasting brilliant, two-toned rose-pink. Semi-double, sweetly scented. (H. 30″-36″). Hedge size, 45c each; 10 for $4.00; 100, $36.00.



Golden Salmon Polyantha
(Excellent for Beds and Borders)

Improved Lafayette—Medium sized, deep glowing red flowers suffused with vivid crimson. (H. 18″-24″). Hedge size, 45c each; 10 for $4.00; 100, $36.00.

Kirsten Poulsen—Myriads of dainty red buds and bright scarlet trusses of bloom. (H. 3′-4′). Hedge size, 45c each; 10 for $4.00; 100, $36.00.

Permanent Wave (Pat. No. 107)—The single cerise-edged rosy pink blooms are three inches across and come in bouquets of six or more on a stem. Each petal is fluted or waved permanently from bud stage to finish. (H. 30″-36″). 85c each; 3 for $2.15; 12 for $8.50.

Smiles (Pat. No. 331)—It smiles at you. Brilliant semi-double salmon-pink flowers three inches across. (H. 24″-30″). $1.00 each; 3 for $2.50; 12 for $10.00.

Snowbank (Pat. No. 279)—Excellent in masses and for the border. Flowers blush white, semi-single. (H. 18″-24″). 85c each; 3 for $2.15; 12 for $8.50.

World's Fair (Pat. No. 362)—First award "All-America Rose Selection" for floribundas 1940 and 1941. Large clusters of velvety, rich scarlet flowers almost hide the luxuriant foliage, blooms nearly four inches across. (H 24″-30″). $1.00 each; 3 for $2.50; 12 for $10.00.

Polyantha Roses *gkpsuFVX*

Small Flowering Clusters

Price—Any in this group except where otherwise noted, 45c each; 10 for $4.00; 100, $36.00.

Chatillon—Clear, pink flowers bloom continuously in huge clusters, resembling large heads of phlox. (H. 18″-24″).

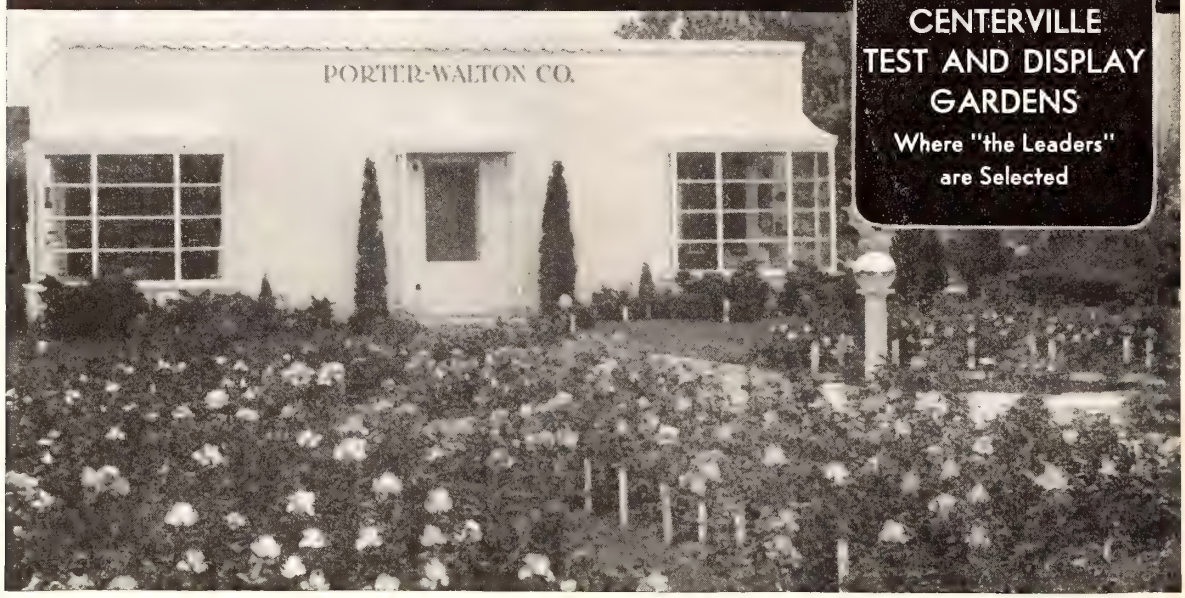
Golden Salmon—Huge clusters of bright salmon-orange; profuse bloomer. (H. 18″-24″).

Mlle. Cecile Brunner. The "Sweetheart" rose. Perfect for boutonnieres. Dainty sea-shell pink; delightfully fragrant. (H. 18″-24″). 75c each.

Sparkler—Clusters of brilliant red flowers. (H. 18″-24″).

Rosa Rouletti—6 inches tall. A rock garden "Gem" and also a gem for an edging plant. It is hardy and produces rose-pink, quite double flowers continuously. 75c each.

P-W's Roses



THE BEST OF THE NOVELTY EVERBLOOMING ROSES *hkFVX*

Apricot Queen (Pat. No. 464)—Orange, apricot at base, merging to salmon-rose and phlox-pink in the matured bloom. Grows vigorously; attractive, healthy foliage. $1.50 each; 3 for $3.75.

California (Pat. rights res.)—A.A.S. 1941. $1.50 each; 3 for $3.75. (See color page 39)

Charlotte Armstrong (Pat. rights res.) — A.A.S. 1941. $1.50 each. (See color page 39)

Countess Vandal (Pat. No. 38)—The most artistic bud in rosedom, garbed in coppery bronze and pink, suffused with gold with reflex of silver. $1.00 each; 3 for $2.50. (See page 40)

Crimson Glory (Pat. No. 105)—Deep, vivid crimson, held proudly high. Its fascinating fragrance makes it an instant favorite. $1.00 each; 3 for $2.50. (See page 41)

Dickson's Red (Pat. No. 376)—A.A.S. 1940. A most fragrant glowing scarlet-red from the "Emerald Isle". Defies the hottest sun rays and retains its color undimmed. Richly fragrant; long pointed buds on strong stems. $1.00 each; 3 for $2.50.

Eclipse (Pat. No. 172)—The streamline rose. The slim, tapering, graceful buds are dainty and modern. Brilliant golden yellow; vigorous. $1.00 each; 3 for $2.50.

Eternal Youth (Pat. No. 332)—Joyous pink, livening to yellow at base of petals. Its delightful fragrance and cheerful color make it outstanding among all pink roses. $1.25 each; 3 for $3.15.

Gloaming (Pat. No. 137)—Delicate salmon-pink, blending into tawny orange and gold. Outstanding for exhibition blooms. Sturdy, tall, fragrant and hardy. $1.00 each; 3 for $2.50.

Grand Duchess Charlotte (Prop. rights reserved)—A.A.S. winner 1943. See color page opposite. $1.50 each; 3 for $3.75.

Heart's Desire (Pat. applied for)—Only A.A.S. for 1942. $1.50 each; 3 for $3.75. (See page opposite)

Mary Margaret McBride (Pat. No. 537)—A.A.S. winner 1943. $1.50 each; 3 for $3.75. (See color page opposite.)

McGredy's Sunset (Pat. No. 317)—Aptly named. Outside of petals a clear buttercup-yellow, tipped orange, while the inside is chome-yellow flushed with scarlet as it opens; intensified as the blooms expand. Flowers shapely, pleasing fragrance, freely borne on strong stems. Very sun-resistant. Excellent in hot weather. Silver Medal, A.R.S., 1939. $1.25 each; 3 for $3.15.

McGredy's Salmon (Pat. No. 410)—Symmetrically shaped buds of orange-pink, opening to a medium size flower of delightful apricot-salmon; rich, fascinating fragrance, low growing with an abundance of bronzy green foliage. $1.50 each; 3 for $3.75.

Mme. Cochet-Cochet (Pat. No. 129)—Long, pointed buds of coppery pink, flushed orange, open to fragrant cupped flowers of soft salmon-pink with a satiny sheen. $1.00 each; 3 for $2.50.

Mme. Henri Guillot (Pat. No. 337)—Large, artistic urn-shaped buds open to camellia-like, 20-petalled blooms about 5 inches across. Watermelon to raspberry pink in color. $1.25 each; 3 for $3.15.

Pearl S. Buck (Pat. No. 423)—Distinguished! Interestingly formed, pointed buds of a glowing orange hue, softening as they open to a deep yellow tinged with apricot; rich, lingering fragrance. $1.50 each; 3 for $3.75.

Pres. Boone (Pat. No. 314)—Pure, rich crimson-scarlet, delightfully fragrant. Perfect in every stage of development. $1.00 each; 3 for $2.50.

Rex Anderson (Pat. No. 335)—Delicate ivory white, perfectly formed. Slow to open; one of the few successful whites. Soft fragrance and vigorous. $1.25 each; 3 for $3.15. (See page 41)

Signora (Pat. No. 201)—Graceful buds of warm brownish orange open to lighter mandarin and salmon. Vigorous, branching, fragrant. $1.00 each; 3 for $2.50.

Santa Anita—See color page opposite. $1.00 each; 3 for $2.50.

Sterling (Pat. No. 21)—Pink. Bright pink flowers of splendid form come singly on vigorous-growing plant. Ranks as one of the best in the deep pink Hybrid Teas This consistent prize-winner at Rose shows throughout the U.S.A. is exquisitely modeled with intense, true Rose fragrance. $1.00 each; 3 for $2.50.

Texas Centennial (Pat. No. 162)—Bright glowing carmine-red. A sport of Pres. Herbert Hoover, inheriting the healthy habit and vigorous growth. 85c each; 3 for $2.15.

Will Rogers (Pat. No. 256)—Very striking dark velvety crimson-maroon. Free blooming, very double. Vigorous dark green foliage. $1.00 each; 3 for $2.50.

All-America Selection of Roses 1942-43

OFFER No. 339A

This outstanding offer consists of the two new All-American Winners for 1943, "Grande Duchesse Charlotte" and "Mary Margaret McBride", the winner of the All-American award 1942, "Heart's Desire", and in addition the unexcelled new patented rose "Santa Anita" as illustrated on this page. All are Everblooming Hybrid Tea Roses. Words and color illustrations fail to depict their worth.

ALL FOUR prepaid for..... **$4.75**

Refer to pages 36-43 inclusive for a splendid array of other Roses worth while.

GRANDE DUCHESSE CHARLOTTE

(Propagation rights reserved)

This rose aristocrat provides a new shade of red . . . a color heretofore unknown in Rosedom. Long stream lined buds are a rich claret color and open to firm petaled blooms which gradually change to a lovely begonia-rose with a hint of carnation fragrance.

$1.50 each; 3 for $3.75.

HEART'S DESIRE

(Plant Patent No. 501)

The only All-America award for 1942. Truly a red rose with long, sharply pointed buds. Deliberately slow in unfurling their large petals, showing the fine substance and long lasting qualities so greatly desired. Flowers fragrant; a very strong, vigorous grower.

$1.50 each; 3 for $3.75.

MARY MARGARET McBRIDE

AARS Winner for 1943, Plant Patent No. 537.)

The double blooms are large and high-centered. The color, borrowed from the radiant glow of a summer sunset, is a clear, deep coral-pink suffused with shimmering gold at base of petals. Flowers remain in never-fading glory throughout the hottest summer weather. Luxuriant, smooth, leathery, deep green foliage. In color above. **$1.50 each; 3 for $3.75.**

SANTA ANITA

(Patent rights reserved)

This rose is loveliness exemplified. Its perfectly formed long pointed buds unfold into glorious flowers of clear crystal pink, possessing exquisite fragrance, all of which place Santa Anita at the very zenith of the outstanding pinks. **$1.00 each; 3 for $2.50.**

UTAH ROSE SOCIETY'S "BEST TEN" ROSES

The Roses shown in this collection were selected by the Utah Rose Society as the "Best Ten" for the Mountain States.

CONDESA DE SASTAGO
75c each, 3 for $1.95

COUNTESS VANDAL
(Pat. No. 38)
$1.00 each,
3 for $2.50

JOANNA HILL
75c each,
3 for $1.95

PRESIDENT HOOVER
75c each,
3 for $1.95

MOST COLORFU EVERBLOOMER

Offer No. 341

These "Best Te

Magnificent Gard Roses

The Heart o' the Cro

All Prepaid Only

$7.50

All No. 1 Hardy 2-Ye Old Field Grown Pla The Utah Rose Socie Selection from t Hundreds in Cultivat

•

You Will Be Delighte All Will Bloom Profus this Summer.

(Below)

ECLIPSE
(Pat. No. 172)
$1.25 each,
3 for $3.15

MRS. SAM McGREDY
75c each,
3 for $1.95

(Below)

THE DOCTOR
$1.00 each,
3 for $2.50

CRIMSON GLORY
(Pat. No. 105)
$1.00 each,
3 for $2.50

(Below)

DUQUESA DE PENARANDA
75c each,
3 for $1.95

REX ANDERSON
(Pat. No. 335)
$1.50 each,
3 for $3.75

UTAH ROSE SOCIETY'S "BEST TEN" ROSES

The Roses shown in this collection were selected by the Utah Rose Society as the "Best Ten" for the Mountain States.

CONDESA DE SASTAGO
75c each, 3 for $1.95

(Below)
ECLIPSE
(Pat. No. 172)
$1.25 each,
3 for $3.15

MRS. SAM McGREDY
75c each,
3 for $1.95

COUNTESS VANDAL
(Pat. No. 38)
$1.00 each,
3 for $2.50

MOST COLORFUL EVERBLOOMERS

Offer No. 341

These "Best Ten"
Magnificent Garden Roses

The Heart o' the Crop

All Prepaid Only

$7.50

All No. 1 Hardy 2-Year-Old Field Grown Plants The Utah Rose Society's Selection from the Hundreds in Cultivation

•

You Will Be Delighted—All Will Bloom Profusely this Summer.

(Below)
THE DOCTOR
$1.00 each,
3 for $2.50

CRIMSON GLORY
(Pat. No. 105)
$1.00 each,
3 for $2.50

(Below)
DUQUESA DE PENARANDA
75c each,
3 for $1.95

REX ANDERSON
(Pat. No. 335)
$1.50 each,
3 for $3.75

JOANNA HILL
75c each,
3 for $1.95

PRESIDENT HOOVER
75c each,
3 for $1.95

1.

2.

4.

5.

3.

6.

P.-W.'s "Most Popular Six"

Everblooming Garden Roses

Every one a top-notch leader. All are No. 1 2-yr.-old shrubs.

Price on any,

Each 75c

10 for $6.50

Prepaid

Bloom from Spring till Fall

All Healthy, Vigorous Growers

1. Hinrich Gaede.
2. Gen. McArthur.
3. Mmme. Jos. Perraud.
4. Golden Rapture.
5. Editor McFarland.
6. Christopher Stone.

P.-W.'s "Popular Six" Rose Offers!

No. 342A
ONE EACH ON THIS PAGE
$3.50
Prepaid

No. 342B
TWO EACH, 12 IN ALL
$6.00
Prepaid

PICK OF THE MOST POPULAR HYBRID TEA ROSES

All rose bushes offered in this book are postpaid.

Unless marked to the contrary, these are all strong, healthy two and three-year-old roots which are thoroughly adapted to the rigors of climate in the Mountain States, and are in no sense comparable in value to those offered by some other sources at so-called "Bargain Prices." For convenience, we have arranged the varieties in color groups

Prices on all roses offered on this page, except where otherwise noted: 75c each; 10 for $6.50, prepaid

Crimson, Red and Scarlet

Ami Quinard—Deep, velvety crimson, semi-double.
Chas. K. Douglas—Free flowering, scarlet-crimson.
Christopher Stone—A top crimson. (See page 42)
Cynthia—Bright scarlet-carmine, toned gold at base.
***E. G. Hill**—Fragrant and free-flowering. Crimson.
***Etoile de Hollande**—Finest choice in reds. (See page 42)
General MacArthur—Intensely fragrant, bright scarlet-crimson. (See page 42)
***Grenoble**—Glorious deep crimson-red.
***Gruss an Teplitz**—Fiery-crimson, wonderful hedge rose.
Hadley—Velvety crimson. Excellent old standby.
Margaret McGredy—Large double orange-scarlet.
McGredy's Scarlet—Dark glowing rose-scarlet.
Poinsettia—Glowing fire red; the brilliance of poinsettias at Christmas time. Long, pointed buds; vigorous. $1.00 each; 3 for $2.50.
Red Radiance—Clear, large, cerise-red.
Red Talisman—A striking red. Sport of Talisman. $1.00 each; 3 for $2.50.
Rouge Mallerin—Scarlet. Does not blue. Very lasting.
Southport—Brilliant scarlet. Lovely under artificial light.
Victoria Harrington—Non-fading, dark velvety red.

Copper and Salmon

Autumn—Startling; rich burnt orange, yellow and red.
***Duquesa de Penaranda**—New apricot leader. (See p. 41)
***Edith Nellie Perkins**—Delicate light cerise-pink; inside suffused gold.
Faience—Long tapering buds, cadmium-yellow and shrimp-pink.
Federico Casas—Coppery pink and orange.
Los Angeles—Flame-pink, toned coral, gold base.
Mme. Edward Herriot—Coral red, shaded yellow.
Mme. Jos. Perraud — Novel nasturtium-orange, flushed shell-pink. (See page 42)
Mrs. Sam McGredy—Fragrant. Scarlet-orange. (See p. 41)
***President Hoover**—Striking maroon-orange, gold and cerise-pink. (See page 41)
Talisman—Sensational rich golden reddish apricot, stained copper.

** We can furnish these varieties in one-year-old bushes. They are not as large as the two-year-old stocks, but do bloom even the first season. Priced special at 45c each; 3 for $1.25; 10 for $4.00; 25 for $8.50; prepaid.*

Orange and Yellow

Catalonia—Strikingly brilliant orange-vermillion.
Cecil—Glorious buttercup-yellow. Mammoth single.
***Condesa de Sastago**—Two-toned, deep coppery pink in side, golden yellow reverse.
Feu Joseph Looymans—Long buds and lasting flowers of yellow shaded apricot.
Golden Rapture—Beautifully formed buds, fully double blooms, rich yellow, long strong stems. (See page 42)
Heinrich Wendland — Distinctively two-toned, inside of petals nasturtium red, reverse golden yellow.
Hinrich Gaede—Bright vermillion, toned gold; good form and fragrance. (See page 42)
***Joanna Hill**—Creamy yellow, shaded bronzy pink. (See page 41)
Max Krause—Large, high centered golden yellow blooms
McGredy's Yellow—Bright buttercup-yellow; perfect form, fragrant.
Mrs. E. P. Thom—Double pure yellow.
Mrs. P. S. Dupont—Free flowering, double, rich yellow
***Soeur Therese**—Buds chrome, flowers daffodil yellow.

Pink Shades

Dainty Bess—The most popular single; large clusters of waxy petalled rose-pink blooms with wine-red stamens
***Dame Edith Helen**—Glowing two-toned pink.
***Editor McFarland**—Perfectly formed, fresh deep pink (See page 42)
Isobel—Very large bright orange-pink. A great favorite
J. Otto Thillow—Perfect flowers of rich rose-pink.
Miss Rowena Thom—Immense, bright pink, golden base
Picture—Warm pink, undertones of salmon.
Pink Dawn—Perfectly formed, deep rose-pink, toned orange.
Rapture—Deep shell pink. Exquisite fragrance.
The Doctor—Long, pointed buds; enormous bloom. Exquisite silvery pink. Intensely fragrant. $1.00 each; 3 for $2.50. (See page 41)

White and Blush White

Caledonia—Exquisite, best pure white.
Innocence—Large single blooms of pure white with wine red stamens.
McGredy's Ivory—Large, well-shaped creamy white, fragrant.
Mme. Jules Bouche—White, blush center.

P.-W.'s "Quint" Rose Offer No. 343-C

Quint Thrift Collection of 5 Guaranteed Everbloomers

1 each of **P.-W.'s Scarlet Crimson, P.-W.'s Golden Yellow, P.-W.'s Pink, P.-W.'s Multi-Toned** and **P.-W.'s Two-Toned Copper and Gold.** These are one-year shrubs, healthy, hardy, vigorous, field-grown stock, and are not nearly as large as our two-year No. 1 offered, yet are a marvelous value at this extremely low price. Just think, one each of the 5 Roses described above prepaid to you for only..... **$1.75**

P.-W.'s "Quint" Collection No. 343-C

VIGORO FOR WAR GARDENS

Important Notice to Customers:

Undoubtedly you have read in the newspapers and magazines about plant foods being regulated by the War Production Board. To help you understand the requirements of this Restrictive Order, we are giving you below an outline to show who can purchase Vigoro and the use permitted.

1. You can buy Vigoro to use on Victory Vegetable Gardens.
2. Commercial growers and Truck Gardeners may use Vigoro on crops for resale.
3. Sales can be made only in 100 pound bags. All sales will require purchaser to sign a certificate of compliance when taking delivery. Vigoro (old formula) is not allowed for use on lawns, flowers and ornamentals except by Commercial Growers.

100 lb. bags $4.00 cwt., f.o.b. Salt Lake City.

Swift and Company are working on plans for a new "War Vigoro" which can be used without restriction on lawns, flowers and ornamentals. Write us for prices and information when you have need of a fertilizer.

Ammonia Sulphate—This important chemical Nitragin fertilizer is restricted for resale under the identical terms as outlined above for Vigoro (no sales under 100 lbs.). Prices, $3.50 cwt.; 5 to 19 bag lots at $3.00 cwt.; ton, $55.00.

BONE MEAL (2-22-0)—An excellent organic fertilizer that supplies nitrogen, and phosphorus and calcium. Yields essential elements needed by grass, bulbs and plants, slow acting but lasting for many months. Apply at the rate of 40 pounds per 1,000 sq. feet. While restrictions remain in effect on fertilizers containing chemical nitrogen, we will urge our customers to use more Bone Meal. 100 lb. bag $4.00; 25 lbs. $1.25; 10 lbs. 65c; f.o.b. Salt Lake.

Use Plantabbs for all indoor, potted plants. A complete, balanced plant food of the high analysis 11-15-20, plus Vitamin B-1 in each tablet.

30 tablets for	$ .25
75 tablets for	.50
200 tablets for	1.00
1000 tablets for	3.50

Do your plants have yellows?

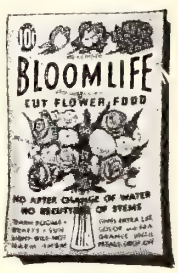
Iron Sulphate is a very effective remedy for Chlorosis or "Yellows." Crystals for plants, shrubs, trees; snow form for lawns. 10 lbs., 90c; 25 lbs., $1.75; 100 lbs., $6.00.

Peat Moss—Soil building material. An all-organic material that requires many years before it will decay in the soil. Meanwhile, it absorbs moisture and gives it up slowly to the plants. Apply at any time. Bale compressed into 12 cubic feet. Bale $3.75.

Bloomlife

Adds 2 to 5 days to the life of cut flowers. No recutting of stems. No change of water. Bloomlife comes complete—ready to use—nothing to add. Works in any water, whether hard or soft.

Trial Pkt. (makes 2 qts.)..... 10c
50 Quart Size.....$1.00

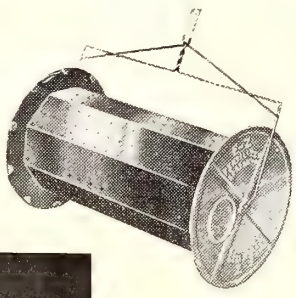


Cut Flower Food

E-Z Spreader

E-Z gives you scientific, uniform, complete coverage speedily and economically. Simply fill container, push like a carpet sweeper.

Price, postpaid $1.25



"FOR THE DURATION"
We cannot supply Lawnette Spreaders, Sprayers of most models and Garden Tools.

ROOTONE
Reg. U. S. Pat. Off.

ROOTONE is a root-forming stimulant when applied to cuttings, seeds, or bulbs. It is a powder, and gets its root-forming activity from the synthetic plant hormones or growth substances which it contains. It is not a fertilizer or plant food. Rootone improves rooting of cuttings, seeds and bulbs. It makes heavier grass turf, causes faster germination of seeds, increases plant growth, and reduces wilt. 1/4 oz. 25c; 2 oz. jar $1.00; lb. can $5.00.

TRANSPLANTONE is a water-soluble powder containing Vitamin B-1, and other parts of the vitamin B fraction, plus certain plant hormones which are active in root formation. Many plants stop growing for a time if they are moved or transplanted. **Transplantone is formulated to supply the plant with the chemicals which stimulate root formation and growth at this vital period. It is not a fertilizer. It is purely a stimulant.** oz. 50c; 3 oz. $1.00; lb. $4.00.

FRUITONE is a powder containing as its chief active ingredient the plant hormone naphthyl (naphthalene) acetamide. It was first produced for stopping the premature drop of apples, but it has proved effective for keeping flowers, leaves and other fruits on the tree or plant longer. The effectiveness of naphthyl acetamide on apple drop was shown in 1939 by the Bureau of Plant Industry, U. S. Department of Agriculture. Two ounces of Fruitone makes 25 gallons of spray. 2/5 oz. packet 25c; 2 oz. $1.00; 12 oz. $5.00.

Note—If you are using these products for the first time, we suggest that a portion be planted without treatment so you can see for yourself the improvement due to treating. Write for leaflet on any of above.

ORTHO
REG. U.S. PAT. OFF.

GARDEN & HOME PRODUCTS

A More *Beautiful* GARDEN

To work in . . . To talk about . . . To show your friends

INSURE SUCCESS WITH ADEQUATE PROTECTION

MEALY BUG

THRIP

EARWIG

CODLING MOTH

CATERPILLAR

SLUG

CORN EARWORM

SCALE

ROSE APHID

ANT-B-GON *Dispensers*

Feed alluring, uncontaminated Poison constantly

For Argentine and sweets-eating ants. One or two sets of dispensers are enough for average home.

Set of four 1-oz. Dispensers.....60¢

Ant Poison to refill dispensers (Refill every three to four weeks):

4-oz. Bottle.....20¢ 16-oz. Bottle....50¢

½-gallon Bottle $1.50

BUG-GETA BAIT. The sensational bait that attracts and kills Slugs, Snails, Cutworms, Sowbugs, Earwigs, Grasshoppers and Strawberry Root Weevil.

1-lb. Carton.....$ .25 12-lb. Bag....$1.75

2½-lb. Carton.. .50 30-lb. Bag.... 3.75

6-lb. Carton..... 1.00

EXTRAX Insect Spray. The complete, easy to use, home garden insecticide. Use it on vegetables, too. For use against Aphis and many other garden insects. Economical—most dosages use one teaspoonful to a gallon of water.

1-oz. Bottle..$ .35 16-oz. Bottle..$2.75

4-oz. Bottle.. 1.00 ½-gal. Bottle 7.95

GREENOL Liquid Fungicide. For Powdery Rose Mildew. Contains Spreading and Wetting agents. Use with "EXTRAX" for combination insect and disease spray. 16 ozs. makes 100 gals. diluted spray.

1-oz. Bottle...$ .35 16-oz. Bottle $1.50

4-oz. Bottle... .60 ½-gal. Bottle 3.95

SCRAM
DOG REPELLENT

A special powder used to keep dogs away from shrubs, flowers, lawns, store fronts, porches, etc. Easy to use.
Does not harm animals.

8-oz Shaker 49c

VOLCK Nursery & Garden Spray. Envelopes, penetrates and smothers sucking insects like Scale, White Fly, Mealybug and Red Spider. Also a spray carrier and supporting agent for other sprays. Generally diluted 4 tsp. to ⅓ pt. per gallon.

4-oz. Bottle....25¢ ½-gal. Bottle..$1.25

16-oz. Bottle....50¢ 5 gallons 5.00

GARDEN VOLCK Spray. Has a penetrating "VOLCK" base. Contains Nicotine which increases insecticidal value for more complete spray against sucking insects. Not a spray carrier.

4-oz. Bottle....35¢ ½-gal. Bottle..$2.50

16-oz. Bottle....85¢ 5 gallons..... 10.00

ORTHO ROSE SPRAY KIT

SPECIAL COMBINATION OFFER. Contains 2-oz. bottle "EXTRAX" for Aphis and other insects and 2-oz. bottle "GREENOL" for use against Powdery Rose Mildew. Makes 12 gallons spray. Complete Kit $1.00

KLEENUP Winter Spray. An emulsive Oil Spray for use against certain Scale Insects during dormant season. Use with Bordeaux Mixture against Peach Leaf Curl and Peach Blight.

16-oz. Bottle....39¢ 5 gallons.....$4.95

½-gal. Bottle..85¢

CONTAX Pruning Paint. Protect all cuts with this modern plastic pruning and grafting composition.

1-pt..... 35¢ 1-qt..... 60¢

CALTOX Insecticide Dust. Shaker carton makes it easy to use against Sowbugs, certain Beetles, Caterpillars and Worms.

8-oz. Shaker..... 35¢ 20-ozs. ..... 60¢

ORTHO Rodent Destroyer. Kills Gophers, Rats, Squirrels and Mice. Made by patented formula. Strychnine is impregnated in grain and fruit pellets . . . Poison doesn't wash out.

6-oz. Carton 30¢ 1-lb. Carton.... 60¢

NEW! BUG-GETA PELLETS *Compressed* BAIT

For use against Snails, Slugs, Cutworms, Sowbugs, Earwigs, Grasshoppers and Strawberry Root Weevil. Half as much bait goes twice as far . . . Easier to use—just scatter on wet ground—cleaner to handle and more economical.

12-oz. Carton..$ .25 5-lb. Carton..$1.00

2-lb. Carton . .50 25-lb. Bag ... 3.60

ORTHO EARWORMICIDE. It costs only 35¢ and takes very little effort to keep the worms out of 120 ears of sweet corn. Leaves no objectionable residue.

4-oz. Bottle.... 35¢ 16 oz. Bottle . 75¢

ORTHO Earwig Bait. Guard against Earwig infestations which can become a menace to health. Prepared on a government formula.

2½-lb. Bag..... 50¢ 6-lb. Bag.... $1.00

OTHER FAMOUS SPRAY PRODUCTS

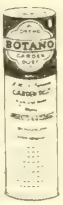
FLOTOX Sulfur....26-oz. 25¢ 4 lbs. 50¢

Bordeaux Mixture 1-lb. 35¢ 4 lbs. 90¢

Calcium Arsenate 1-lb. 25¢ 4 lbs. 60¢

Lead Arsenate 1-lb. 35¢ 4 lbs. 90¢

BOTANO GARDEN DUST



"151." A multipurpose pesticide for use against Aphis and many other insects and diseases. Duster package, pumps dust right on the plants. Gardeners like it for vegetables because it leaves no poisonous residue.

10-oz. Duster 49c

20-oz. Refill Carton....79c

THESE ARE THE "MUST HAVES" FOR EVERY GARDEN

"EXTRAX" | "GREENOL" | "BUG-GETA" | "ANT-B-GON"

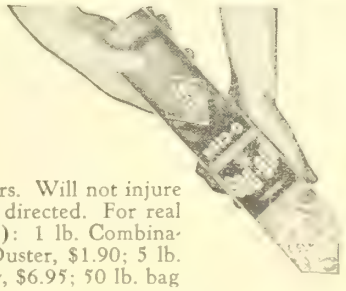
ALSO ASK FOR FREE "ORTHO" GARDEN SPRAY GUIDE

BUG-DUST-O-CIDE

All Purpose Garden Dust and Duster

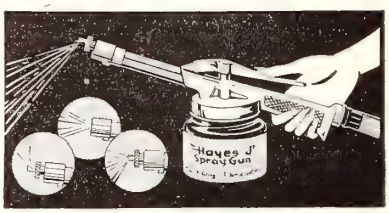
Special Offer (2½ lb. Dust with Duster) **$1.00** ppd.

A triple action on insects packed in a handy fibreboard duster which can be readily refilled. Is a stomach poison, contact poison and repellent. Helps prevent black spot, powdery mildew and certain fungus diseases. Use for controlling various types of aphis, thrip, red spiders, squash bugs, bean beetle, flea beetle, mealy bug and many others. Will not injure plant foliage and is non-poisonous to humans and pets when used as directed. For real garden protection ask for Bug-Dust-O-Cide. Other sizes (not prepaid): 1 lb. Combination Duster, $0.50; 3 lb. bag (Dust only), $1.00; 5½ lb. Dust with Duster, $1.90; 5 lb. bag Dust only, $1.60; 10 lb. bag Dust only, $3.00; 25 lb. bag Dust only, $6.95; 50 lb. bag Dust only, $12.00; 100 lb. bag Dust only,$20.00.



Hayes Jr. Spray Gun

For "Average Size" Gardens



Famous all-purpose sprayer makes three gallons of mixed spray material at a time. Sprays liquids and most wettable powders up, down, sideways. Light, easy to use. Just attach HAYES JR. to garden hose, turn on the hydrant, lightly press the conveniently long lever—and HAYES JR. sprays! Gives efficient performance of heavy, expensive equipment. Operates on water pressure from 30 to 175 pounds. No moving parts to wear out or break—insures long life and satisfactory service $5.95

Hayes-Ette Sprayer

For Small Gardens

AT LAST! A compact, little bantamweight that efficiently does the work of many larger sprayers. Weighs just a little over a pound, filled. Simply attach to garden hose, lightly press the new No-Leak Thumb Button—that's all! Operates on 20 to 150-pound water pressure. Capacity 1½ gallons of mixed spray material. Sprays all modern liquid spray materials free from soaps $2.95

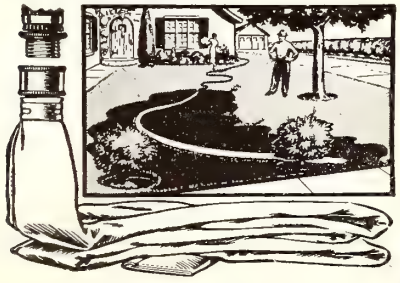
Harco Sprayer

Plants blighted? Prevent and kill destructive pests with new, proven HARCO, only professional-type Sprayer priced so low. Quickly sends insecticide onto tops of tall shrubs, reaches undersides of small plants, penetrates hard-to-reach places—easy as pie to use. Durably made, trouble-free. No dripping $2.35

Soil Soaker

Made of Canvas—Treated to Resist Mildew

SOIL-SOAKER, open only at one end, screws to the end of the water hose. SOIL-SOAKER fills and forces water through the pores of the entire surface, uniformly, without spray. Ideal for narrow parkings and terraces—prevents soil washing.



"Really Soaks Your Soil"

Four home sizes, postpaid—No. 0, 12 ft., $1.40 ea.; No. 1, 18 ft., $1.90 ea.; No. 2, 30 ft., $2.90 ea.; No. 4, 50 ft., $4.75 ea.

Cyanogas Ant Killer — A gas-producing powder. 4 oz. is enough to treat ant nests in average lawn. 4 oz. can, 30c.

Cyanogas A-Dust—Kills rats, moles, woodchucks (ground-hogs) and other rodents instantly. "It's the gas that kills 'em." ½ lb., 45c; 1 lb., 75c; 5 lbs., $3.00.

TRAIN-ETTS

***New Weatherized* TRELLIS NETTING** ***Ideal Support for* SWEET PEAS, GARDEN PEAS, POLE BEANS, CUCUMBERS, TOMATOES**

Grows finer, larger flowers and vegetables. Hung with ease in 5 minutes; no fuss or bother. Use instead of string or wire. (Wire in sun burns delicate tendrils.) ***Doesn't rot*** **like string—** ***lasts several seasons.*** **In 3 sizes: No. 1, 60x72 in., 39c; No. 2, 60x96 in., 49c; No. 3, 60x180 in., 69c. Postpaid.**

Meet Twist-Ems

Say "goodbye" to unsightly twine and raffia. Just a twist of the wrist and TWIST-EMS—strong, dark-green "invisible" tapes — protect stems, properly support your plants.

Box of 125
8 inch size, 25c

Box of 250
4 inch size, 25c

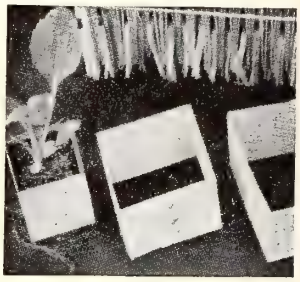
Box of 125
16 inch size, 50c

Anita Louise, **Garden-loving Hollywood Star, says:** ***"It's so easy to tie plants with Germaco* TWIST-EMS**

Packed, 5,000 of one size to a carton for larger users.

	4" size	8" size	16" size
Per carton	$6.00	$7.50	$13.50

Wood Plant Bands (Spruce Veneer)



Ready-to-Use. There are no locks to put together, no tacks to drive, no folding of corners.

Size	Per 250	Per M
2x2x3	$1.50	$4.50
3x3x3	1.75	5.00
4x4x3	2.00	6.50

Not postpaid. Write for quantity prices.

Wood Pot Labels Postpaid

PAINTED	Price per 100	Price per 1000
4 inch.....	$ .40	$3.00
6 inch.....	.55	3.75
8 inch.....	.75	5.50
10 inch.....	1.10	9.50

PLAIN	Price per 100	Price per 1000
4 inch.....	$ .25	$2.50
6 inch.....	.40	3.10
8 inch.....	.70	5.00
10 inch.....	.95	8.00

Tree Labels

3½" Copper Wired

	Per 100	Per M
Plain	.40	2.75
Painted	.50	3.25

Kreme-Skin Garden Gloves

Made from soft and select hides. Semi-styled in design and used for both work and play—GARDENING, HOUSEHOLD, DRIVING, etc. Give full protection with utmost comfort and finger freedom. Also soften the hands. Washable. Ladies' sizes only (small, medium, large.) Price $1.00 a pair.

The All Purpose WINDOW MATERIAL

VITAPANE

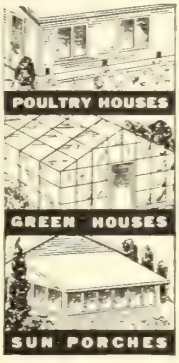
THE LATEST DEVELOPMENT IN GLASS SUBSTITUTES

Admits over 60% ultra violet!

Shatter-proof

Weatherproof

Made of 2 sheets of cellulose acetate fused on tough quarter-inch mesh cord



For

- POULTRY HOUSES
- HOT BED and COLD FRAMES
- STORM DOORS
- WINDOWS
- SUN PORCHES
- BASEMENT AND ATTIC WINDOWS

And a host of other uses. VITAPANE can be used wherever glass is used. Packed in rolls of 50 feet, 36 in. wide. Broken rolls, 20c per lineal foot.

Per roll $9.25

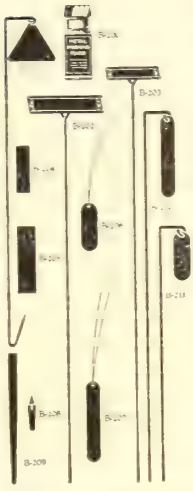
Clay Flower Pots

We take every precaution to pack pots so they will arrive at destination safely, but do not guarantee against breakage in transit and will not replace any pots that are broken on arrival. We advise shipping by Express or Freight.

	Each	Per Doz.	Per 100
2½-inch Standard	$ .05	$ .45	$ 2.50
3 -inch Standard	.07	.50	3.00
4 -inch Standard and Bulb	.08	.60	4.00
5 -inch Standard and Bulb	.10	.85	6.00
6 -inch Standard and Bulb	.15	1.25	8.00
7 -inch Standard	.25	2.00	13.00
8 -inch Standard	.35	3.30	23.00
10 -inch Standard	.60	6.00	45.00
12 -inch Standard	1.00	11.00	.....

If saucers are desired, add ⅔ extra to above prices.

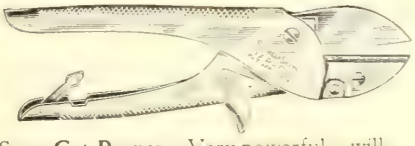
Prices are f.o.b. our store. Packed for shipping add 20 per cent.



Brandt's All-Metal Markers

Will not rust or corrode when marked with the B-200 marking fluid. All wire standards are approximately 18 inches in length.

Item	Price
B-200, each	25c
B-201, each	3½c
B-202, each	6c
B-203, each	5c
B-204, 5 for	5c
B-205, 4 for	5c
B-206, 3 for	5c
B-207, 2 for	5c
B-208, each	10c
B-209, each	10c
B-210, each	3½c
B-211, each	3½c



Snap Cut Pruner—Very powerful—will cut the hardest wood.

No. 118—Small size.....$1.50 pstpd

No 119—Large size..... 2.50 pstpd

PRUNING SAWS

No. 312 California Pattern Saw—A fine, easy, fast cutter, 12 in. blade. Ship. wt., 1 lb. $1.50.

TIP-TOP TREE TRIMMERS

No. 1312—12 ft. long in four sections, strong spruce poles, positive joints, and reinforced cutting head. Rope included. Ship wt., 7 lbs. Without saw, $3.30.

No. 1300 Saw—to attach to 1312 Trimmer, $1.25.

WITH PLANT COVERS YOU GET BIGGER CROPS THAT BRING A HIGHER PRICE!

CAPS—Help You Grow Earlier Vegetables and Flowers—Strong little hothouses—protect plants from destructive frost, storms, insects. University tests prove they increase yields 18% to 51%, nearly double early marketable yield, ripens crops three weeks earlier for highest prices. Quick, easy to set. Millions used. Premium profits pay for them many times over. Order today.

NOTICE—On orders over 100 lbs, of one type cover, we can send direct from factory, with transportation fully prepaid. **Please advise if direct shipment is desired.**

SURE CROPS

3 weeks earlier

TO MARKET

Germaco Hotcaps

12 inches in diameter and 6 inches high.

1000 carton, 28 lbs.	$11.00
5000, per M	10.75
25 package with paper setter	.50
100 package with paper setter	1.95
250 package with paper setter	3.50
Steel setter	1.35
Paper setter	.15

Sage Hi-Caps

Twelve inches high, 10 inches wide.

Quantity	Weight	Price
20	2 lbs.	$ .55
50	4 lbs.	1.10
1000	48 lbs.	11.50
5000, per M		11.40
Aluminum Setters		1.65

Sage Hi-Caps

SUMMER FLOWERING BULBS

Numerals in ( ) indicate approximate height at maturity in inches (″) or feet (′).

Begonias, Tuberous Rooted (4″-6″) *fls*

Ideal for Shady Places

Few plants can equal these for garden show in brilliancy of color, duration, and perfection of bloom. The ideal situation is in a filtered sunlight where there is plenty of fresh air, protected from strong winds, as on the north side of buildings where they receive sunlight a portion of the day.

For best results, the tubers should be started indoors in January or February. Plant first in moist sand, and after they are well sprouted, put them in 4 in. pots in good, rich soil (about one-third Peat or leaf-mold, one-third well-rotted cow manure, and one-third good, sandy loam.)

After frost danger is over plant outdoors. Set plants about 12 inches apart.

Double Giant Camellia—White, yellow, pink, salmon, red and mixed. (Illustrated in color on page 54.)

Double Fimbriata—White, yellow, pink, salmon, red and mixed. (Illustrated at right.)

Giant Singles—White, yellow, pink, salmon, red and mxd.

Prices—All varieties and colors:

Dormant Bulbs—1½″-2″ diameter. (Available Feb. to April.) 3 for 60c; 10 for $1.65; 25 for $3.75. Ppd.

Three-Inch Pot Plants—Available May to July. 3 for $1.00; 10 for $3.00; 25 for $7.00. Not prepaid.

Anemone (St. Brigid Strain) (6″-12″) *eorsS*

These lovely poppy-like flowers are exceedingly brilliant when in flower and excellent for cutting. The flowers range from single to fullest double, in white, crimson, cobalt-blue, lavender, heliotrope, rose, pink, or salmon. Picture in your mind the beauty they would add to your rock garden or flower beds. We have procured bulbs of matchless strain. The season for planting outdoors is early spring or throughout fall, beginning in Sept. The blossoming time is influenced by the season planted. Spring planting bloom in summer; fall planting bloom in springtime. Culture same as Ranunculus.

Bulbs, 10 for 70c; 25 for $1.65; 100 for $6.00.

Caladium (3′-4′) *fosS*

They are of gorgeous tropical appearance in very large, rich green leaves beautifully veined with deep velvet green.

Large size, weight 5 lbs. per 10.

Price, 3 for $1.00; 10 for $3.00. Not prepaid.

Cannas (4′) *fksCN*

King Humbert—Scarlet flowers, bronze foliage. Large flowers freely produced, and handsome, broad tropical foliage.

The President—A rich glowing scarlet with immense rounded flowers, seven inches across, produced on strong stalks well above the heavy foliage. Free bloomer.

Yellow King Humbert—Foliage a very dark green, flowers a deep rich yellow, softly spotted and blotched with bright red; measuring 5 to 7 inches across, individual petals 3 to 3½ inches in diameter. (Illustrated in color on page 51.)

PRICE OF CANNAS

Dormant 2-3 Eye Roots—Available Feb. to April. 3 for 45c; $1.50 per doz; $10.00 per 100. Postage extra.

Three-inch Pot Plants—Available April 20 thru June. 3 for 75c; $2.50 per doz.; $16.00 per 100. Express ship't.

Montbretias Giant Mixed (24″-30″) *fkrsCH*

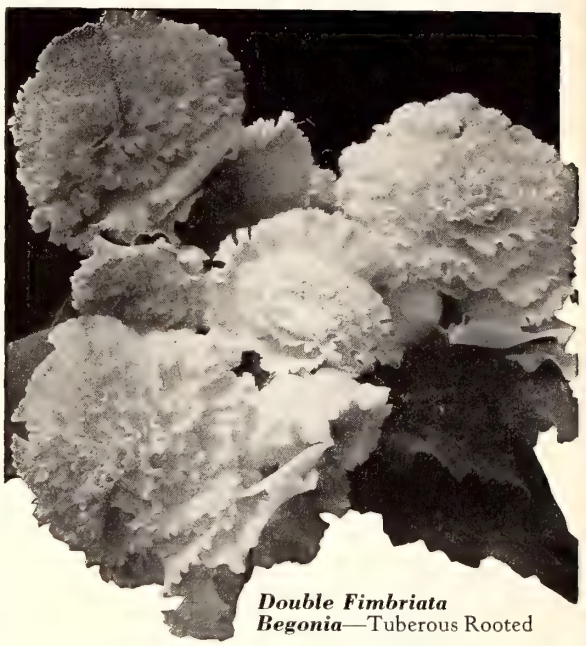
These lovely flowers add beauty to any garden. The blooms are larger and the flower stems are very fine for cutting. The mixture contains many bright shades of yellow, salmon, scarlet and orange. Handle like Gladiolus and they will multiply rapidly.

Price, 3 for 30c; 10 for 85c; 100 for $7.50. Postpaid.

Ranunculus (Buttercup) *ejorsN*

(See color illustration on page 51.) A wonderful range of colors—in fact, every desired color is included in this mixture. Culture: Best germination is acquired by placing tubers in a flat of sand, cover about one inch and keep moist. Place in a cool room for about one week or until sprouted, then plant outdoors when the soil becomes warm, placing the claws downward. They thrive in a drained sand loam. A small amount of peat moss or rotted compost should be worked into the soil to a depth of six inches, if needed. Before planting, the bed should be thoroughly watered. Cover the bulbs 2″ and set 4-6″ apart. Water sparingly until plants are well established, then they can use an abundance of water.

Price, 3 for 15c; 12 for 55c; 100 for $3.75.



Double Fimbriata Begonia—Tuberous Rooted

FREE Leaflet on "Spring Bulbs"; supplies cultural information. Ask for it.

THREE FINE CLIMBERS

Easily Grown from Roots

Apios Tuberosa (6′-8′) *ints*

(Tuberous-Rooted Wisteria)

Excellent hardy climbing vine. Flowers fragrant. Color chocolate brown. Two to four bulbs should be planted together at a depth of 3-4 inches.

Price, 3 for 40c; 10 for $1.20; 25 for $2.50. Ppd.

Cinnamon Vine *djtV*

A beautiful, rapid-growing summer climber, with bright green, glossy foliage, and spikes of deliciously cinnamon-scented, white flowers. Dies down in winter, but grows with great rapidity in the spring.

Price, 3 for 40c; 10 for $1.20; 25 for $2.50. Ppd.

Madeira Vine *fjtCN*

Climbing Mignonette—A vine which will cover a large space in a short time. Fleshy heart-shaped leaves, and racemes of feathery fragrant flowers.

Price, 3 for 30c; 10 for 85c; 25 for $1.75. Ppd.

Tigridia (Shellflower of Mexico) *fhrsN*

Few flowers are more gorgeously colored or so beautiful. Plant in sunny position in a flower border in well-drained soil. Can also be used in beds. Blooms from middle of July to September. Culture: Space large bulbs six to eight inches apart and five inches deep. They require average moisture, but can use lots of moisture during blooming season. Bulbs should be dug in fall and stored in damp sand throughout winter.

Price—Mixed Colors: 10 for $1.50; 100 for $12.50.

Tuberose (15″) *fjrCU*

Double Dwarf Pearl—They have a rich, exotic fragrance. The lovely, large, wax-like flowers are borne on long, graceful stems. 3 for 25c; 12 for 60c; 100 for $4.00. Ppd.

See page 77 for legend on key letters immediately following variety name

BEAUTIFUL PEONIES

The varieties we offer this spring are those kept in storage after fall sales were over. You can gain several months of growth by planting now rather than waiting for fall.

All f.o.b. Salt Lake City. If by mail, add 8c per plant; 40c per 10, extra for packing and postage.

Culture—Don't plant too deep. The roots should be placed so that the crowns are covered with 2 or 3 inches of soil, from 3½ to 4 ft. apart. NOTE: Figures following varieties indicate the rating given them by the American Peony Society. The highest rating a peony can receive is 10. There is no variety yet with such a rating; 9 is excellent, 8 is very good, 7 is good.

White Varieties

Festiva Maxima—9.3. Very early. Large, vigorous, floriferous. The best known white. 45c each; $4.00 per 10.

Francis Willard—9.1. Late. Opens light pink, changing to pure white. Large; very floriferous. One of the best whites. 75c each; $7.00 per 10.

Light Pink Varieties

Mons. Jules Elie—9.3. Early. Immense flesh-pink, shading deeper towards the base. Overlaid with a silvery sheen. Fragrant. 60c each; $5.40 per 10.

Myrtle Gentry—9.1. Midseason. Rosy white, suffused with tints of pale pink, flesh, and salmon. One of the best peonies now under cultivation. $1.75 each.

Milton Hill—9.0. Late. A beautiful flower of a delicate shade of salmon-pink. Hard to beat in its color. 75c each; $7.00 per 10.

Deep Pink Varieties

Edulis Superba—7.6. Very early. The famous Decoration Day Peony. Flower is large, deep pink, very fragrant. 40c each; $3.60 per 10.

Sarah Bernhardt—9.0. Late. Very large, dark rose pink; each petal silver tipped. 60c each; $5.40 per 10.

Red Varieties

Officinalis Rubra—Extra early. The first peony to bloom in the spring. Large, globular, brilliant crimson. 50c each; $4.50 per 10.

Mons. Martin Cahuzac—8.8. Early midseason. Dark maroon, with black reflex. The darkest red peony grown. $1.25 each; $11.50 per 10.

Grover Cleveland—8.2. Late. Large, bright-crimson blooms; full. One of the most popular reds. 60c each $5.40 per 10.

Philippe Rivoire—9.2. Late. Very dark crimson with blackish sheen. Has the highest rating and richest coloring of all red Peonies. $1.75 each; $16.25 per 10.

Single Peony

Mischief—8.6. Late. Large rose pink. One of the finest single pinks yet produced. 75c each.

Unnamed Double Peonies (To Color)

Red, White, and **Pink**—Each, 25c; $2.25 per 10.

PEONY GROUP OFFER NO. 349D

1 each **Festiva Maxima, Mons. Jules Elie, Edulis Superba, Officinalis Rubra** and **Grover Cleveland.**

5 roots in all, prepaid for only..... **$2.50**

Chinese Tree Peonies

These new hybrids form shrub-like plants 3-4 feet high which are literally covered with immense flowers 8 inches across. Very hardy, and a marvelous substitute for Rhododendrons, fitting into similar landscape situations.

Reine Elizabeth—Salmon-pink. Very showy. $3.50 each

Souvenir de Ducher—Sparkling white, silvery reflex. Pot plants, $3.50 each.

Souvenir de Maxine Cornu—Deep yellow, shaded orange; fragrant. Pot plants, $5.00 each.

MINIATURE AND POMPOM DAHLIAS

Small Dahlias have many advantages over large ones. They are easier to grow, requiring less staking, tying, and disbudding. They bloom more freely than big kinds and can be used in borders. Finally, they are excellent cut flowers.

MINIATURE TYPE

Miniatures have the same form as the large exhibition types with smaller blooms, 2-4 inches across, and with wire-like stems which cut well.

Baby Royal—Salmon-pink and apricot with gold shadings. Exceptionally free flowering. 25c each.

Baby Sagamore—F.D. Perfect decorative form. Flowers are golden yellow, borne very profusely on tall, strong plants. 30c each.

Bishop of Llandoff—Duplex. Brilliant rich red blooms with a contrasting dark bronze-black foliage. So very unusual you'll enjoy it in your garden. 35c each.

Coronne—F.D. A very beautiful, waxy white, resembling a Gardenia; a florists' gem. 25c each.

Persimmon—F.D. True persimmon on orange flame. A color hard to find in Dahlias. 30c each.

POMPOM TYPE

Type the same as Ball Dahlias except the flowers are not more than 1-2 inches across. All have strong stems and are splendid keeping cut flowers. Plant 3½-4 feet tall.

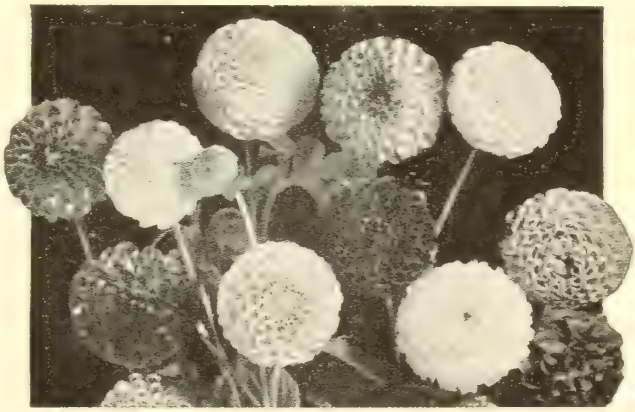
Allbright—A deep gold, heavily tipped and toned red. Visitors at our Centerville gardens are fascinated with this Dahlia. 25c each.

Doria—New Australian. Most perfect form Pompom we have ever seen. Color rich maroon-red. 35c each.

Joe Fette—This is the leading white variety. Medium sized flower of good shape and with nice stems. 25c each.

Little David—Deep burnt orange; small flower of good shape and substance. 30c each.

Mary Munns—Fine lavender variety that is considered among the very best in this color. Good producer. 25c each.



A Group of Pompom Dahlias

Pompom Group Offer No. 349B

10 Bulbs — 2 each of the Pompoms, postpaid..... $2.25

Miniature Group Offer No. 349A

10 Bulbs — 2 each of the 5 varieties, postpaid..... $2.25

P.-W.'s DAHLIAS — Special Merit

Collection of New and Worthwhile Varieties — All Prize Winners

Dahlia Culture—A bulletin on Dahlia Culture will be mailed FREE upon request. Ask for it.

Abbreviations: I.D.—Informal Decorative; F.D.—Formal Decorative; S.C.—Semi-Cactus; C.—Cactus.

A. D. Lavoni—Ball. An old-time favorite. Pure, soft pink, size about 5 inches. Very free flowering, ideal for cutting. 25c each; 3 for 65c.

California Idol—F.D. One of the very finest large yellows. Won first as the largest dahlia in the 1936 California Dahlia Society Show. Good, long, strong stems. An ideal grower everywhere in the United States, and in great demand. 60c each; 3 for $1.50.

Forest Fire—I.D. A dahlia in a truly sensational color. The blooms are large and are a brilliant scarlet suffused golden yellow. Cuts especially well with the autumn shades. 50c each; 3 for $1.25.

Fort Monmouth—I.D. A rich crimson-maroon, flowers extra large. 50c each; 3 for $1.25.

Grace Curling—I.D. Pure lilac with pink tint and shading to white at base. Its large blooms with cleft petals add interest to the form. A very beautiful, long-stemmed variety and one of the best keepers. 35c each; 3 for 90c.

Hunt's Velvet Wonder—I.D. Big, deep blooms, often 12 inches, on extra strong stems. Color a rich, bright violet Burgundy; under some lights looks royal purple. Winner of many special awards. A true Roll of Honor Dahlia. 50c each; 3 for $1.25.

Jane Cowl—I.D. One of the few graceful giants. It is an immense, glistening, bronzy buff and old gold, with just enough twist to the broad petals to make it beautiful. Free blooming and excellent for cutting and show purposes. Fine stems. A good keeper. 40c each; 3 for $1.00.

Jersey Beacon—F.D. Chinese scarlet with lighter reverse, giving a two-toned effect. Its large flowers are carried on splendid, long, strong stems. 35c each; 3 for 90c.

Jersey Beauty—See box at right.

Jersey's Dainty—C. A fine, true Cactus. White with slight lavender tinge. An excellent cut flower variety that produces many flowers on good stems. 35c each; 3 for 90c.

Maryland Orange—S.C. A brilliant orange-red. A gold medal winner, also on the Honor Roll. 50c each; 3 for $1.25.

Mrs. I. de Ver Warner—F.D. This is still a favorite orchid-lavender variety. While the blooms are too soft for commercial use, it is a variety that should be in every Dahlia garden. 25c each; 3 for 65c.

Monmouth Champion—F.D. Brilliant orange flame. Immense big blooms. Great prize winner. A Roll of Honor Dahlia. 35c each; 3 for 90c.

Omar Khayyam—F.D. Large flower of Chinese red and orange. Strong grower with stiff stems. 35c each; 3 for 90c.

Oriental Beauty—S.C. Lovely, bright rose-pink of incurved form, flowers on good stems. This variety has instant appeal. 75c each; 3 for $2.00.

Thomas Edison—F.D. Rich regal red-violet, selected personally by Mr. Edison to bear his name. Large blooms, fine stems, and a very fine keeper. 50c each; 3 for $1.25.

White Wonder—I.D. One of the largest and most showy Dahlias of its class; stiff stems and free flowering. Another general favorite. 35c each; 3 for 90c.

Jersey Dainty

See opposite in full color ☞

Jersey Beauty—F.D. There are a lot of folks who consider this the finest Dahlia ever introduced. Color is a lovely pink with a shading of chamois. Flowers of splendid form on long stems. Very stately, vigorous plants. 40c each; 3 for $1.00.

BLUE RIBBON COLLECTION 350A

One each of the following:

California Idol—Yellow
Forest Fire—Scarlet
Hunt's Velvet Wonder—Violet
Jane Cowl—Bronzy buff
Oriental Beauty—Rose pink
Jersey Dainty—White

$3.10 Value,
All postpaid **$2.50**

P.-W.'s SURPRISE DAHLIA COLLECTION OFFER NO. 350B

A Dozen Fine Tubers in Choice Color Selection

In this charming lot we supply 12 choice Dahlias. While they are unnamed there are no two alike. There are no inferior sorts, but consists of those we have in surplus, some of which are high priced. You will be agreeably surprised when these come into bloom.

The entire lot of 12, postpaid, all for..... **$2.00**

DAHLIA JERSEY'S BEAUTY

(See opposite page.)

RANUNCULUS NEW GIANT HYBRIDS

(See page 48.)

CANNA, YELLOW KING HUMBERT

(See page 48.)

Gladiolus, New Era

"We think it one of the best Glads in the entire list. It is a great cut flower." No flower in the whole horticultural kingdom can compete with Gladiolus for summer bloom. By planting at intervals of two weeks from early April through July you can have continuous bloom.

Montbretias, New Hybrid Mixture

(See page 48.)

They flower freely throughout the late summer and autumn and require less care than most bulbs. Succeed in light shade or full sun. They make choice cut flowers.

Tuberous Rooted Begonias

These are ideal plants for shady places. You will find listed on page 48 a wide selection of colors and kinds, all equal in beauty to this exquisite one illustrated below.

P-W's GLADIOLUS—Show Winners

White

Maid of Orleans Early—Cream-white. The pure white florets have cream throats. Many perfect florets are in full bloom at once; it is excellent for exhibition. 3 for 15c; 10 for 45c; 100 for $3.50.

Star of Bethlehem Midseason—Extra large, pure white. Long, straight stems. Medium early. Probably the best white to date. 3 for 20c; 10 for 55c; 100 for $4.50.

Cream

Shirley Temple Midseason—Produces excellent spikes of the softest, yet richest deep cream color without suggestion of yellow. Flowers ruffled and very large. 3 for 20c; 10 for 55c; 100 for $4.50.

Buff

Wasaga Midseason—Beautiful clear glowing buff with wide open, well ruffled blooms. It has been called the most beautifully colored Gladiola in the world. 3 for 15c; 10 for 40c; 100 for $3.00.

Yellow

Gate of Heaven Late Midseason—Fine rich deep yellow, ruffled petals. 3 for 15c; 10 for 45c; 100 for $3.50.

Golden Chimes Early—A fine exhibition Gladiola. Light yellow color and highly ruffled. 3 for 20c; 10 for 55c; 100 for $4.00.

Orange

LaFiesta Midseason—Tall, beautiful orange. In this climate the best of its color. 3 for 20c; 10 for 50c; 100 for $4.00.

Johannes S. Bach Early—A beautiful orange-salmon, lighter in throat, with white midribs. Tall, strong grower with well arranged flower heads. A beautiful variety. 3 for 20c; 10 for 55c; 100 for $4.50.

Salmon Pink

Picardy Midseason—A clear, soft, shrimp-pink with inconspicuous feathering of rose. This variety has been the sensation ever since its introduction. A "must have" for everyone growing Glads. 3 for 15c; 10 for 40c; 100 for $3.00.

Pale Pink

New Era—Eosine pink blended with LaFrance pink, soft cream throat. Richest color of any Glad introduced to date. Extremely ruffled. Very frilled. Ten open florets, 18 florets and buds. Consistent winner. 3 for 25c; 10 for 75c; 100 for $6.00. (See color opposite page.)

Rose Pink

Rosa Van Lima Second Early—Light rose with a few lines in the throat. Sensational new variety. 3 for 25c; 10 for 75c; 100 for $6.00.

Dark Pink

Peggy Lou Midseason—New light rose that has probably won more awards on this show table than any other variety, outside of Picardy. 3 for 20c; 10 for 55c; 100 for $4.50.

Scarlet

Beacon Med. Early—Clear bright rose-scarlet with large cream blotch. It stands out like a beacon in any Gladiola garden. One of the real 100 per cent class. 3 for 20c; 10 for 55c; 100 for $4.50.

Kassel—A bright attractive scarlet with no markings. Beautiful well formed large flowers on tall stem. Excellent grower and a fine variety for cutting. 3 for 20c; 10 for 55c; 100 for $4.50.

Dark Red

Moorish King Midseason—Very dark mahogany maroon of fine substance. One of the best "blacks." 3 for 25c; 10 for 65c; 100 for $5.50.

Red

Rewi Fallu Early—Deep blood red. Immense blooms of heavy texture on a moderately tall, straight spike. One of the best of this color group. 3 for 25c; 10 for 60c 100 for $5.00.

Lavender

Minuet Midseason—Considered one of the best lavenders in existence, six blooms generally open at once Strong spike and heavy foliage; a grand exhibition flower. 3 for 20c; 10 for 50c; 100 for $4.00.

Light Violet

Blue Beauty Early Midseason—An early light blue darker towards edge. The best of its class this year 3 for 22c; 10 for 60c; 100 for $5.00

Dark Violet

Pelegrina Early—A pure dark violet-blue. When the first florets open, nearly all of the 16 to 18 buds are showing color. One of the most consistent prize winners. Everyone should have it. 3 for 20c; 10 for 55c 100 for $4.50.

Rudolf Serkin—Pure dark pansy blue which does not fade in the sun, no matter how strong. The flowers have round petals of heavy texture and are of fine form and size. 3 for 20c; 10 for 55c; 100 for $4.50

Purple

Chas. Dickens Med. Early—Large, deep, rich velvety claret purple with darker blotch. 3 for 15c; 10 for 45c; 100 for $3.50.

Smoky

Mother Machree Midseason—Misty lavender, suffused and overlaid with salmon-pink toward the edges. 3 for 20c; 10 for 50c; 100 for $4.00.

Vagabond Prince Midseason—Color irridescent garnet brown, shading lighter in the throat with a flame blotch on the lip. Gorgeous. A basket of these would pep up the window of any flower shop. 3 for 20c 10 for 55c; 100 for $4.50.

Zuni Midseason—A refined combination of salmon and slate with a slight feather of orange-salmon. Many consider this the best smoky. Zuni is a strong, vigorous grower. 3 for 45c; 10 for $1.30; 100 for $12.00

P.-W.'s Superb Mixed—Our special mixture from the best named types. A well-blended combination of all colors and shades. Plant plentifully so as to have cut flowers in quantity. 3 for 15c; 10 for 40c; 100 for $3.00.

Primulinus Exhibition Mixture—Finest improved Primulinus, containing the most beautiful forms and all pastel shadings that will harmonize well together. 3 for 15c 10 for 40c; 100 for $3.00.

Offer 353B

50 BULBS

5 Maid of Orleans
5 Shirley Temple
5 Gate of Heaven
5 Picardy
5 New Era
5 Beacon
5 Rewi Fallu
5 Minuet
5 Rudolf Serkin
5 Vagabond Prince

ONLY $2.25

Special!

OFFER 353A

Send us only $1.00 and we will send you 50 bulbs (all over one inch diameter), 10 each of 5 varieties

$1.00

P.-W.'s HARDY SHRUBS

Following each variety and the informational code, we indicate the height and spread at maturity. For example: (H 3-4, S 3-4) may be interpreted: "height 3 to 4 feet, spread 3 to 4 feet." It is understood that the sizes given are only approximate and will vary considerably according to soils and climate.

All prices on shrubs are f.o.b. Salt Lake City. See page 58 for quantity price schedule. If wanted by mail, add postage at zone rates. The shipping weights are as follows: Size 18"-24", one only weighs 3 lbs.; add 2 lbs. extra for each additional plant. Size 2'-3', one only weighs 5 lbs.; add 3 lbs. extra for each additional plant. Size 3'-4', one only weighs 7 lbs.; add 4 lbs. extra for each additional plant.

Almond

Double Flowering hkvAUVW (H 3-4, S 4)—Completely covered with sweetly scented flowers before the leaves appear.

Pink or **White,** each, 18-24", 60c; 2-3', 80c; 3-4', $1.00.

Althea (Hibiscus) (Rose of Sharon) *hjptCNVW* (H 10', S 5')

Coelestris Blue—The gorgeous single disc-like flowers are produced in great quantity. Planted with the white variety, Snowdrift, it creates a most beautiful color effect.

Snowdrift—Giant single, pure white flowers fully 4 inches across.

Rubis—Very large wide open flowers of deep rose-pink with deeper center. The best and most brilliant of all single pink varieties.

Price of any of above, 2-3', 75c each.

Aralia

Spinosa (Devil's Walking Stick) hjtCNVW (H 15-18, S 7-8)—Blooms are large panicles, white flowers followed by black berries; develops a tree-like form. Very spiney. 2-3', 75c; 5-6', $1.50.

Berberis

Japanese Barberry gjpuvBENVW (H 3-4, S 3-4)—Too well-known to require any comment. In fall its colored foliage and red berries cheer the boundaries of millions of gardens and homes. 15-18", 35c; 18-24", 45c. For hedges, 12-15", 25 for $4.25, 100 for $15.00.

Mentor Barberry (Berberis Mentorensis) Pat. No. 99 gjpuvBNVW (H 3-4, S 3-4)—New hardy semi-evergreen barberry. Sturdy, erect growth carries a thick, dark, attractive green foliage right down to the ground. 15-18", 60c; 3 for $1.50; 12 for $4.50; $30.00 per 100. 18-24", 75c; $40.00 per 100.

Red Leaved Barberry (B. Thunbergii Atropurpurea) gkpuvBENVW (H 3-4, S 3-4)—Identical with the popular Japanese Barberry except foliage, which is a rich, bronzy red color. 15-18", 45c; 18-24", 65c.

Important information about adaptability, placement and cultural treatment is indicated in the letters immediately following variety or family names. See page 77 for full explanation.

Truehedge Columnberry

Berberis T. Pl. Erecta (Pat. No. 110) gjpuBENVW—A new hardy, compact, hedge type, naturally very symmetrical. When trimmed, it takes on a formal appearance with dense green foliage, turning scarlet in the autumn; striking red berries throughout the winter. For dense hedge effect, plant shrubs 10 inches apart. 18-24", 50c; 5 for $2.00; 25 for $8.25.

Buddleia (Butterfly Bush) *hjrtFUVX*

Alternifolia (H 4-6, S 4-5)—Flowers deep lavender-purple with reddish crimson eye, very compact clusters. Prolific bloomer; fine leaves and branches of semi-weeping habit; most outstanding. 2-3', 75c.

Dubonnet (H 6, S 4)—Long firm spikes of the lovely Dubonnet wine shade. The shrub is erect, strong stemmed, and has very attractive leathery foliage. 2-year plants, 75c each.

Fortune (Pat. No. 206) (H 6, S 4)—This variety is very close to perfection. A pure lilac with a brilliant orange eye and dark green leathery foliage. 2-year plants, 75c.

Ile de France (H 5-6, S 4-5)—New, dark claret-purple; long spikes, free flowering, vigorous. 1-year plants, 40c; 2-year plants, 65c.

Caragana

Siberian Pea Tree gkptBNVW (H 8-10, S 8)—Compound leaves, bright green; numerous small clusters of yellow flowers. 18-24", 30c; 3-4', 65c; 4-6', 85c.

Cornus (Dogwood) *glntBNVX*

Golden Twig (C. Stolenifera Lutea) (H 7-8, S 7)—Clusters of white flowers; stems and branches are yellow. 2-3', 60c.

Red Siberian (C. Sibirica) (H 6-8, S 6)—Produces cream-colored flowers, light blue fruits, and bright red twigs and branches. 18-24", 40c; 2-3', 60c; 3-4', 75c.

Cotoneaster *gjtvBENVW*

Acutifolia (H 6-7, S 5-6)—Especially desirable for its dense, dark green foliage effect; blooms pinkish white, berries black. 18-24", 60c; 2-3', 75c.

Divaricata (H 5-6, S 4-5)—Hardy, with spreading and arching branches, small glossy, green leaves, pink blooms; bright red berries in the fall. Bare root, 2-3', $1.00; Balled and Burlapped, 2-3', $1.50.

Buddleia (Butterfly Bush)
Ile de France

Truehedge Columnberry
Berberis T. Pl. Erecta, U. S. Pat. No. 110

Mentor Barberry (U. S. Pat. No. 99)

Cydonia (Fl. Quince)

Crimson and Gold gkprsvANVW (H 4-5, S 4-5)—A new outstanding hybrid. Its brilliant crimson flowers are enhanced by the rich golden hue of the stamens, over a period of 4 to 5 months. 2-3′, $2.50.

Japonica (Japanese Quince) gkpsvANVW (H 4-5, S 5)—Brilliant crimson flowers, among the first in the spring. 18-24″, 50c; 2-3′, 60c.

Ruby Flowering Quince (Dwarf) gksuAENVW (H 3-4, S 3-4)—It has a low, neat habit of growth; good foliage, and attractive flowers, followed by large yellow fruit. 18-24″, 60c.

Deutzia

Gracilis (Slender Deutzia) houvBUVW (H 2-3, S 3)—A favorite dwarf shrub covered with spikes of pure white flowers. 18-24″, 75c.

Lemoine hopuBUVW (H 3-4, S 2-3)—Flowers single white, borne on upright branches. 2-3′, 75c.

Eleagnus

Umbrellata (Autumn Eleagnus) gjtBENW (H 10, S 8-10)—Shrub with handsome gray-green foliage; flowers yellowish white and very fragrant. 2-3′, 85c.

Russian Olive—See page 64.

Euonymous *hjtvBEVW*

Alatus Compacta (H 5-6, S 5)—Foliage bright green, changing to a deep rose in autumn, a color unusual among shrubs. Its winged branches and orange-red berries make it invaluable for winter landscapes. 18-24″, $1.00.

Americana (H 7-8, S 6-7)—Similar to the above, except that it is a larger grower. 2-3′, 75c.

Forsythia (Golden Bell) *gjtAVY*

Fortunei (H 7-8, S 6)—Strong, erect habit; bright golden yellow flowers before the leaves appear. 18-24″, 30c; 2-3′, 45c; 3-4′, 60c.

Spectabilis—The showy border Forsythia. Because of its pleasing habit of growth, hardiness, and its large, profusely borne flowers, it is the best and most useful of all Forsythias. 18-24″, 40c; 2-3′, 55c; 3-4′, 75c.

Fringe Tree

Rhus Cotinus gjtBUVW (H 8-10, S 8)—Known as purple fringe. A garden favorite for 2,000 years. This is a most interesting and distinctive flowering shrub. 2-3′, $1.00.

Hamamelis

Witch Hazel gotAENUVW (H 10-12, S 9)—Attractive bright yellow flowers and fruits in late fall and early spring. 2-3′, 85c.

Hydrangea

Aborescens Grandiflora (Hills of Snow or Snowball Hydrangea)hosvBSVX (H 3, S 3)—Snow white blossoms of largest size, 2-3′, 75c.

Paniculata Grandiflora "Pee Gee" hosvCSVX (H 5-6, S 5)—Blooms pure white to pink, and finally to a beautiful rich coppery red. 2-3′, 75c.

Oak-Leaved (Quarcifolia) hosvCSVX (H 3-4, S 3)—Leaves similar to an oak leaf. Pure white flowers borne in huge panicles; colorful autumn leaves. 18-24″, $1.00.

Honeysuckle (Bush Lonicera)

Tartarian gjptBENOVW (H 8-10, S 6-8)—Pink, white and red. Most popular of the bush varieties.

Pulcherrima gjlptBENOVW (H 8-10, S 6-8)—A new bright red Tartarian.

Fragrantissima (Winter Honeysuckle) gjlpstvANVW (H 6, S 4)—Fragrant white and yellow flowers with semi-evergreen foliage.

Korolkowi Floribundi (Blueleaf Honeysuckle) gjltvBNVW (H 6-8, S 4-5)—A novelty with blue-green foliage and rose-pink flowers. 2-3′, $1.00.

L. Morrowi gjlptBENOVW (H 6-8, S 6)—White and yellow flowers. No species more handsome in fruit than L. Morrowi.

Spinosa Alberti gjlquxBENVW (H 2, S 2-3)—Dwarf-growing type with bluish-green leaves and fragrant rose-pink flowers, followed by pale bluish-red or white berries. 18-24″, 75c.

Maacki (Prodocarpa) gjptBENVW (H 8-10, S 8)—Late Honeysuckle. A newer species to the American gardens; large milk-white flowers clustering its rigid branches from base to tip; leaves hold until late in November. Berries dark red. 2-3′, 75c.

Any of the above Honeysuckles, except where noted, Price, 18-24″, 40c; 2-3′, 60c; 3-4′, 75c; specimen clumps, $1.25.

Kerria

Japonica Double hjluvFNVX (H 4-5, S 3)—A graceful shrub with attractive orange-yellow flowers, bright green leaves and bark. 18-24″, 75c; 2-3′, $1.00.

Kolkwitzia Amabilis

Beauty Bush hktvBUVW (H 6-8, S 6)—Long, arching branches; all the merits of a perfect shrub, combining hardiness, beauty of foliage, and amazing profusion of pale pink, bell-shaped flowers. 18-24″, 75c; 2-3′, $1.00

Ligustrum

Vulgare (English Privet) gjlptBENVZ (H 10-12)—A hardy plant with lustrous black berries and dense, deep green foliage. 2-3′, 40c. For hedges, 18-24″, 25 for $4.00; 100 for $14.00; 2-3′ 25 for $5.00; 100 for $16.00.

Ibota Regelianum (Regel's Privet) hjlpxBENVZ (H 6-8, S 4-5)—Its horizontal effect with its wealth of metallic black berries in the fall make it a desirable subject for shrub groups. 2-3′, 75c.

Lodense (Dwarf Privet) hjluvNWZ (H 2-3)—Glossy, deep green foliage; splendid for dwarf shrubs and low hedges. 18-24″, 60c. For hedging, 15-18″, 25 for $8.75; 100 for $30.00.

Kolkwitzia Amabilis (Beauty Bush)

See page 77 for explanation of letters immediately following the family or variety names.

Typical Red or Green Barberry Hedge

Fringe or "Smoke Tree"

Typical French Lilac Bush

LILAC SPECIES

Josikaea (Hungarian Lilac) gjtBNVW (H 10)—Erect purple flowers blooming late in June. 2-3′, 75c.

Japanese Tree Lilac (Syringa Japonica) hotBSVW (H 18-20)—Grows into a handsome, well-shaped tree, producing large, loose bunches of creamy-white flowers. 3-4′, $1.50.

New Chinese or Rothomagensis gjtpBNVW (H 10)—A distinct hybrid variety with slender stems, reddish purple flowers. 18-24″, 60c; 2-3′, 85c; 3-4′, $1.00.

Persian gjtpBNVW (H 10)—Light purple flowers with slender, drooping branches. 2-3′, 75c.

Vulgaris gjtANORVW (H 12-15)—The well-known old fashioned common Lilac. We furnish both the **White and Purple.** 18-24″, 40c; 2-3′, 60c.

SPECIAL OFFER NO. 356—Prolong the Lilac Season

Fr. Hybrid Lamartine—3-4′. Very early.
Chinese—2-3′. Early midseason.
Rhum Von Horstenstein—2-3′. Midseason.
Hungarian-Josikaea—2-3′. Very late.

One of each of above, postpaid for..... **$4.25**

GORGEOUS NEW FRENCH LILACS (H 10′-12′) *gjtvBNVY*

Unless you have seen these marvelous shrubs in full bloom you can never appreciate their loveliness. Delightfully fragrant and perfectly hardy; they grow and thrive everywhere. From the many varieties grown, we have chosen twelve varieties that we consider most desirable. Those starred (★) are especially recommended. (D) following names indicates double petals; (S), single.

★**Charles Joly** (D)—Even toned, dark purple-red. 2-3′, $1.50.

Charles X (S)—Schoenfield's purple, open argyle-purple. 2-3′, $1.25.

★**Katherine Havemeyer** (D)—Lilac, opening to a pale lobelia violet. Panicles of the greatest size. 2-3′, $2.50.

Lamartine (S)—Large clusters of mauve pink flowers. One of the earliest to bloom. 3-4′, $1.75.

★**Mont Blanc** (S)—Buds greenish yellow, opening pure white. 2-3′, $1.50.

★**Mme. Lemoine** (D)—Buds viridine yellow, opening snow white. 2-3′, $1.50.

Marie La Graye (S)—Buds viridine yellow, opening white. 3-4′, $1.75.

★**Michel Buchner** (D)—Buds purple vinaceous, opening purple to pink-lilac. 2-3′, $1.50.

President Grevy (D)—Buds Hellebore red, opening mauvette to lavender-violet. 3-4′, $1.75.

★**Ruhm Von Horstenstein** (S)—Immense blooms of light red-purple. 18-24″, $1.25; 2-3′, $1.50.

Reaumor (S)—Buds neutral red, opening purple tinged saccordo's violet. 18-24″, $1.25; 2-3′, $1.50.

Sov. De Ludwig Spaeth (S)—Buds carmine to Schoenfield's purple, opening rose-purple. 2-3′, $1.50.

Potentilla

Fruticosa gkmuFNVW (H 2-3, S 3)—A dwarf shrub, producing an abundance of yellow blossoms over a long period of time. 18-24″, 75c.

Physocarpus (Ninebark)

Opulifolius gotBNVW (H 8-10, S 6)—Tall, vigorous shrub; white flowers followed by bright red seed capsules. 2-3′, 60c; 3-4′, 75c; clumps, $1.25.

Opulifolius Nana gostBNVW (H 4-5, S 5)—Dwarf form, dense growing, attractive white flowers followed by red seed pods. 2-3′, 60c; 3-4′, 75c.

Photina

Villosa hktBEUVW (H 10, S 8)—The charm of this lies in the fruits; red berries from summer till winter. 2-3′, 75c.

Philadelphus (Mock Orange) *gjpstBNPVW*

Bouquet Blanc (H 4-5)—Semi-double blooms; bouquet-like clusters.

Coronarius (H 6-8, S 4-5)—Large, single flowers; grows tall and upright.

Lemoine (H 4-5, S 4)—A smaller and more delicate form than the others.

***Grandiflorus** (H 8-10, S 5-6)—Similar, but a larger grower than Coronarius.

Virginalis (H 7-8, S 7)—A vigorous, tall grower, with very large, double-crested, sweetly-scented clusters of pure white blossoms throughout the season. 18-24″, 70c; 2-3′, 90c.

Any of the above varieties, except where noted, 18-24″, 45c; 2-3′, 60c; 3-4′, 70c. Clumps $1.25 from those marked *.

Important information about adaptability, placement and cultural treatment is indicated in the letters immediately following variety or family names. See page 77 for full explanation.

Philadelphus Virginalis

Rhamnus *gjptBEVW*

Cathartica (Buckthorn) (H 6-10, S 5-6)—A dense, twiggy bush with dark foliage relieved by masses of midsummer white flowers, followed by black berries, 2-3′, 50c; 3-4′, 75c.

Rhodotypos

Kerrioides (White Kerria) hjlmsvEVW (H 4-5, S 3)—White flowers and black fruits which hang all winter; foliage very attractive.. 2-3′, 75c.

Rhus (Sumac)

Canadensis Dwarf hjmsuxBNVW (H 3-4, S 4-5)—Blossoms yellow catkinlike, its foliage differs greatly in texture from that of other Sumac and is very fragrant when crushed. 18-24″, 75c.

Glabra gmtBNVW (H 6-8)—A new cut-leaf variety with a splendid fruit display. 2-3′, 60c; 3-4′, 85c.

Typhina (Staghorn Sumac) gjmtxBENVW (H 10-12)—Develops colored leaves and red fruit. 2-3′, 50c; 3-4′, 65c; 4-5′, 75c; 6-8′, $1.25.

Typhina Laciniata gjmtxBNVW (H 8-10, S 6)—A cut-leaved variety producing a fern-like foliage effect. 2-3′, 60c; 3-4′, 85c; 4-5′, $1.00.

Robina *hjmstxBUVW*

Hispida (H 4-5, S 5)—This beautiful shrub is much appreciated because of the abundance of its large, pea-like, rose-pink flowers. 2-3′, 85c.

Sambucus (Elder) *gjnstBNVX*

Acutiloba (Cut-Leaf Elder) (H 8-10, S 8)—Attractive, finely cut green leaves, white fragrant flowers, followed by clusters of blue-black berries. 2-3′, 50c; 3-4′, 75c.

Canadensis Aurea (Golden Elder) (H 8-10, S 8)—Bright yellow foliage; commonly used in massed plantings to avoid monotony in the green effect. 2-3′, 75c.

Sorbaria *gjlotCSVX*

Aitchinsoni (H 6-8, S 6-8)—Handsome shrub, the bright green fern-like foliage contrasting well with the bright red stems; white flowers in upright panicles 12″ long. 2-3′, 75c; 3-4′, $1.00.

Spirea

Arguta gjsvANVWY (H 4, S 3)—Fine, deep green foliage; minute, purest white flowers.

Billardi gjosBNVW (H 6, S 6)—Upright grower with pink flowers in spikes or plums 5-6 inches long.

Douglasi gjosBNVW (H 4-5, S 6)—Very similar to Billardi with the exception of height and is more spreading in habit.

Frobeli gjusvBCNVY (H 4, S 4)—Leaves are purple when young. Deep rosy blooms are borne in abundance.

Prunifolia (Double Bridal Wreath) hjsvANVWY (H 6, S 6)—One of the best; a beautiful shrub of medium size, double white flowers. 2-3′, 75c.

Thunbergii gjsvANVWY (H 5, S 5)—Graceful and beautiful at all seasons; flowers white.

Any of the above, 18-24″, 40c; 2-3′, 55c.

Van Houtte (Bridal Wreath) gjpstvBNVWY (H 6-8, S 6)—The most widely used shrub in cultivation. It is round and graceful, with long, thin, arching branches. Flowers in white clusters, so numerous that when in full bloom the bush resembles a snowdrift. 18-24″, 40c; 2-3′, 50c; 3-4′, 60c; 4-5′, 75c. Specimen clumps, $1.25. Special for borders and hedging, 18-24″, 10 for $2.50; 25 for $5.50; 100 for $20.00.

Symphoricarpus *gjlmnpsuvBENVW*

Chenaulti (H 4-5, S 5)—A hybrid, the foliage is smaller and the plants are neater throughout than Vulgaris. Handsome red fruit.

Racemosus (Snowberry) (H 4-5, S 4)—A graceful shrub, chiefly planted for its waxy white fruit.

Either of the above Symphoricarpus, Price, 18-24″, 35c; 2-3′, 50c; 3-4′, 60c. For informal border screens, 18-24″, 10 for $2.50; 25 for $5.50; 100 for $20.00.

Tamarix *gjmtxBNRVWY*

Hispida (Kashgar) (H 15, S 6)—A distinct variety with delicate, soft pink sprays of flowers in early spring and again in July. 2-3′, 65c; 3-4′, 75c

Summer Glow (T. Pentandra)—Hardiest of all Tamarix; bright wine-red flowers in profusion all summer. Beautiful gray-green foliage. Excellent as a cut flower. 2-year, $1.00.

Spirea Van Houtte (Bridal Wreath)

Rhus Typhina (Sumac)

Viburnum

Dentatum (Arrow-wood) gjlstBENVW (H 6-8, S 6)—green leaves turn to purple and red tones in autumn Creamy white flowers, followed by blue-black berries.

Opulus (European Cranberry) gjmtBENVW (H 10-12, S 10)—White flowers, followed by bright scarlet berries

Opulus Sterilis (Common Snowball) gjmtBNVW (H 8-10, S 10)—Ball-like, pure white flowers.

Tomentosum (Doublefile) hjstvBENVW (H 6-8, S 8)—White flowers are borne in clusters along stalk, more or less flat-topped, 3-4 inches wide, followed by red fruit ultimately turning bluish black.

Any of the above, 18-24″, 70c; 2-3′, 90c.

Vitex *hjmstvDVX*

Macrophylla (H 6-8, S 6)—A most graceful plant with nicely divided aromatic foliage. Pretty lavender-blue flowers arranged in whorls on long, graceful, terminal spikes. 2-3′, 60c; 3-4′, 85c.

Weigelas *hjvBSVY*

Bristol Ruby (Pat. No. 492) (H 5, S 5)—Hardier and more vigorous than Eva Rathke. The color is a soft ruby red shading to garnet-crimson. 2-3′, $1.25 each.

Eva Rathke (H 4-5, S 5)—Flowers are a rich ruby-carmine continuously throughout the summer. 18-24″, 60c.

Rosea (H 5-6, S 5)—A beautiful shrub with rose-colored flowers. 18-24″, 60c.

All prices on shrubs are f.o.b. Salt Lake City. See page 58 for quantity price schedule. If wanted by mail add extra for postage. The shipping weights are as follows: Size 18-24″, one only weighs 3 lbs.; add 2 lbs. extra for each additional plant. Size 2′-3′, one only weighs 5 lbs.; add 3 lbs. extra for each additional plant. Size 3′-4′, one only weighs 7 lbs.; add 4 lbs., extra for each additional plant.

COLLECTION 357A FOR SHADY PLACES

6 three-year-old shrubs

1 Cornus Red (Dogwood), **1 Berberis Mentorensis, 1 Symphoricarpus Chenaulti, 1 Symphoicarpus Snowberry, 1 Spirea Arguta, 1 Rhodotypos Kerrioides.** SPECIAL, prepaid at..... **$3.60**

HARDY ORNAMENTAL VINES

Silver Lace Vine

Akebia *hkBNVW*

Quinata (15′)—Produces numerous bunches of violet-brown flowers which have a pleasant cinnamon odor. 75c each.

Ampelopsis

Engelmani (New Virginia Creeper) gjmBENVW (H 35′-40′)—New variety with glossy, more dense foliage, self clinger to most surfaces. Each 40c.

Veitchi (Boston or Japan Ivy) gjiN—Splendid for covering walls as it clings firmly to the smoothest surfaces. Glossy, refined foliage. Dormant roots, 60c; established in cans, 85c. Shipping weight of canned stock, 10 lbs; if by mail add extra at zone rates for postage.

Bignonia (H 20′) *gmjFNV*

Mad. Galen (Giant Trumpet Vine)—An improved deep orange flower, most striking of all. Each $1.50.

Radicans (Trumpet Creeper) — Large, scarlet trumpet-shaped flower. Each 60c.

Celastrus

Scandens (Bittersweet) jBENV (H 25′)—Attractive light green foliage and yellow flowers, followed by bright orange fruit. To insure prolific fruit and flowers, plant two vines in each hole. Each 60c.

Clematis

Many failures are the result of too shallow planting. The root crown should be at least 3 inches below surface.

Jackmani ijoFN (H 20′)—The best known and valued variety. A perfect mass of bloom. Color dark, rich, royal purple. 1 yr. No. 1 (from pots), 85c each. Postage extra, 15c.

Paniculata (Japanese Virgin's Bower) hjoCN (H 25′)—Strong, rapid growth, blooming in profusion during August, and continues until fall. Flowers are white and fragrant. Each 60c.

Mad. Ed. Andre ijoFU (H 20′)—Large flowering type, crimson-red flowers. 1 yr. No. 1 (from pots), 85c each. Postage extra 15c if by mail.

Euonymus

Colorata hjlqU (H 1′ Creeper)—A low, dense flat mat of large, deep green foliage all spring and summer, turning bright red in winter, but never dropping. 2 yr. plants, each 85c.

Radicans Vegeta (Evergreen Bittersweet) hjlquBEN (H 5′)—For wall covering, this variety is unequalled, produces orange-red berries. 2-yr., each $1.00.

English Ivy

Hedera Helix gloqU (H 20′)—Perfectly hardy splendid evergreen vine on walls with north or west exposure, also excellent ground cover. 4″ pots, each 50c; Post. ex. 15c.

Silver Lace

Polygonum Auberti gjmBCNVXY — If in doubt about what to select for a difficult situation where quick growth is desired, choose a Silver Lace Vine. Each 75c.

Honeysuckle (Lonicera)

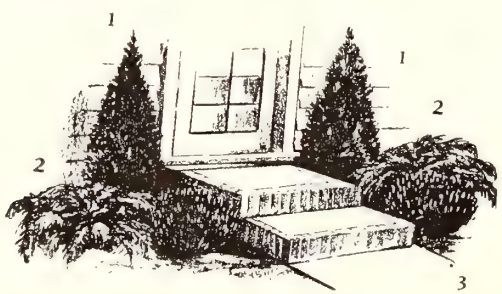
Halliana (Hall's Japan Honeysuckle) gjlqxFUV — Semi-evergreen. Fragrant white and yellow flowers. Unquestionably the best ground cover for terraces and slopes. Each 50c. Special size for banks and ground covers. 10 for $4.00; 25 for $9.00; $32.00 per 100.

Heckrotti (New Everblooming) gjlqxFUV — New semi-evergreen, can be grown as shrub, vine, or ground cover. Flowers crimson and golden apricot. Each 75c.

Wisteria

Floribunda (Royal Purple) hjBUVW—The most outstanding of recent introductions. Has the deepest violet-purple flowers of all Wisterias, borne in well filled clusters of moderate length. Each $2.25. Weeping Tree form, each $7.50.

Sinensis (Purple)—An old favorite called Chinese Purple, but really lavender shaded blue. Each 75c.



The types of Evergreens shown above:

No. 1—Juniper Chinese Pyramidalis Blue. See page 60.
No. 2—Juniper Pfitzer. See page 60.
No. 3—Mugho Pine. See page 60.

Plan Before You Plant

AVOID DISAPPOINTMENT by using proper materials that are adapted to your climate, soil, and to the position where they are placed.

SAVE MONEY The plan drawn by our Landscape Architect will pay for itself many times over by eliminating over-planting and the use of unsuited plants.

CREATE BEAUTY by following a plan designed in complete harmony with the architecture of your home.

WE WELCOME YOUR INQUIRIES and are glad to offer suggestions at all times, but for the duration we can draw plans only during the months of January, February, March, July, August and September.

QUANTITY PRICE SCHEDULE FOR TREES, SHRUBS, ETC.

Where each price only is printed in this Catalog, the table below determines the 10 and 100 rates on the respective items of trees and shrubs. Unless otherwise specified the prices are f.o.b. Salt Lake City.

Where each Price is	Per Ten Rate is	Per 100 Rate is	Where each Price is	Per Ten Rate is	Per 100 Rate is	Where each Price is	Per Ten Rate is	Per 100 Rate is	Where each Price is	Per Ten Rate is	Per 100 Rate is
$ .25	$ 2.25	$ 20.00	$ .70	$ 6.25	$ 56.00	$1.50	$13.50	$120.00	$3.50	$31.50	$280.00
.30	2.70	24.00	.75	6.75	60.00	1.75	15.00	140.00	3.75	33.75	300.00
.35	3.25	28.00	.80	7.50	64.00	2.00	18.00	160.00	4.00	36.00	320.00
.40	3.60	32.00	.85	8.00	67.50	2.25	20.00	180.00	4.25	38.25	340.00
.45	4.00	36.00	.90	8.50	72.00	2.50	22.50	200.00	4.50	40.50	360.00
.50	4.50	40.00	.95	9.00	76.00	2.75	24.75	220.00	4.75	42.75	380.00
.55	5.00	44.00	1.00	9.50	80.00	3.00	27.00	240.00	5.00	45.00	400.00
.60	5.50	48.00	1.25	11.25	100.00	3.25	29.25	260.00	5.50	50.00	440.00
.65	5.75	52.00									

Five or more of one variety at the 10 rate, 25 or more at the 100 rate.

BROAD-LEAVED EVERGREENS

All Evergreens are quoted f.o.b. Salt Lake City. See p. 58 for quantity schedule.

Pyracantha Lalandi (Fire Thorn)

Boxwood

Sempervirens howSW—A formal plant for gardens where pyramids and globes are desired. Foliage glossy and dense. 18-24", $6.00; 24-30", $7.50; 30-36", $12.00.

Cotoneaster

Prostrata hjqxBENW—Flat and spreading, densely clothed with little, round, deep green leaves turning red in the fall. 15-18", $2.00; 18-24", $2.40; 24-30", $2.75.

Berberis

Specus hjvBNW (H 4')—Flowers in yellow clusters followed by salmon-red berries; gray-green foliage turning to a brilliant reddish bronze in the fall. 18-24", $2.50; 24-30", $3.00; 30-36", $3.50.

Wilsonae hjvBNW (H 4')—Of prostrate growth. Foliage and berries similar to Specus. 18-24", $2.50.

Daphne

Cneorum (Garland Flower) hjuBSW (H 1')—A lovely sweet scented semi-evergreen shrub which blooms in fall and spring. 12-15", $2.25.

Euonymus

Japonica iopvNW (H 8')—Upright habit of growth with a dense, glossy, handsome foliage. 15-18", $1.90; 30-36", $4.00.

Magnolia

Stellata (Star Magnolia) iovAQW (H 8')—Fragrant semi-double white flowers appearing before the leaves 2-3', $7.50.

Mahonia

Aquifolia (Oregon Hollygrape) houv BNW (H 5')—Leaves shiny and attractively changing shades of green Flowers yellow, in dense spike-like clusters, followed with purple berries 18-24", $3.00; 24-30", $3.50.

Pyracantha

Coccinea (Firethorn) hjpvBNY (H 6')—Leaves dark, glossy and evergreen Flowers white, in clusters, followed by orange-scarlet berries so much admired. Established in 1 gal cans, 12-15", $1.00; 24-30", $2.95; 2-3', $3.50.

Viburnum

Burkwoodi (Gardenia Scented Snowball) hjvANW (H 4')—Most outstanding shrub introduction in recent years. Waxy, pinkish white flowers. The rich, glossy, semi-evergreen foliage turns purplish bronze with winter weather. BB 2-3', $5.00.

CONIFERS NARROW-LEAVED EVERGREENS

All are quoted f.o.b. Salt Lake City. See p. 58 for quantity schedule.

Arborvitae (Thuya) *hjstvNZ*

Beverleyensis (Golden Tinged Column Arborvitae)—The tallest and stateliest of Arborvitaes, growing into a narrow pyramidal column of golden green foliage. 1 gal., 12-15", $1.00; 18-24", $3.00; 24-30", $3.50; 30-36", 4.50; 3-4', $6.00; 4-5', $8.00.

Globosa (Globe Arborvitae)—Forms a dense low globe; handsome shade of green. 15-18", $3.25.

Meldensis—Pyramidal in shape, of dense growth; foliage a deep shade of green. Dwarf habit. 15-18", $2.50; 4-5', $8.50.

Orientalis Aurea Nana (Berckman's Dwarf Evergolden Arborvitae)—The most wanted Arborvitae. Very dwarf, golden tipped, oval shape. Always shapely and beautiful. 1 gal., 10-12", $1.00; 12-15", $2.00; 15-18", $2.90; 18-24", $3.75; 24-30", $4.75; 30-36", $5.75.

Occidentalis Pyramidalis (Pyramidal Arborvitae)—Compact, erect. Foliage a deep green, retaining color. 18-24", $3.00; 30-36", $4.50; 3-4', $6.00; 4-5', $8.00; 5-6' $10.00.

Orientalis Pyramidalis (Chinese Arborvitae)—Comparatively low, broadly pyramidal tree. Color yellowish green. 18-24", $3.00; 30-36", $4.50; 3-4', $5.50; 4-5', $7.50.

Fir (Abies)

Pseudotsuga (Douglas Fir) gjtNW—A rapid grower. Foliage soft blue in color and fragrant. 2-3', $5.00; 3-4', $6.00.

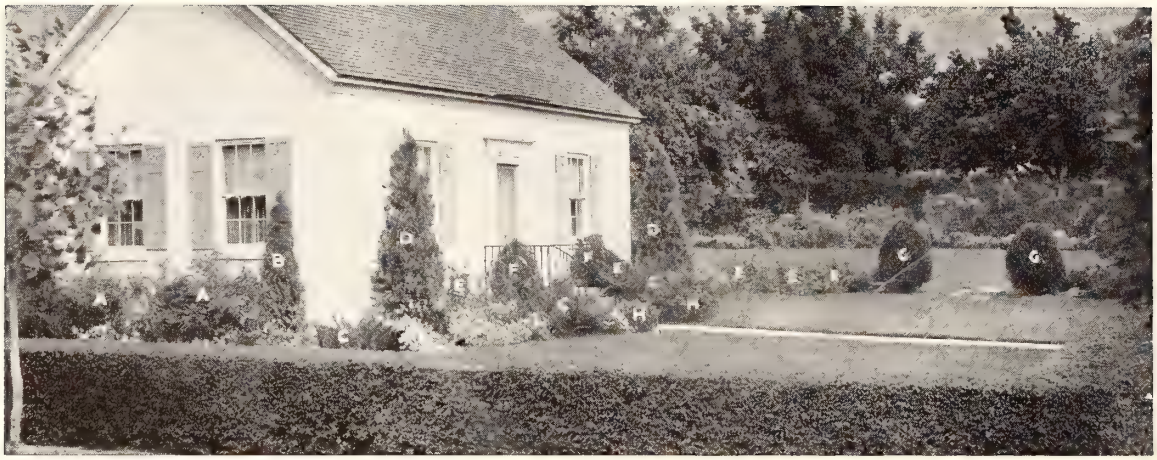
Pinus (Pine)

Austrian gjtNW—The leaves are two in a sheath, straight and slender, from 4 to 5 inches long, of a deep, rich green color. Gas and smoky atmosphere have no effect on its growth. 24-30", $5.00; 3-4', $8.50.

Mugho (Dwarf Pine) gjuvNW—It is used in the foundation and rock garden plantings and as a single specimen because of its low, formal habit of growth. 10-12", $2.25; 12-15", $3.00; 15-18", $4.25; 18-24", $5.25; 24-30", $6.75.

Above shows attractive grouping of following:

1. Juniper Chinese Pyr.
2. Pyracantha L.
3. J. Virg. Cannarti
4. Mugho Pine
5. J. Sabina Von Ehron
6. J. Pfitzer



The above snapshot shows a glimpse of the attractive foundation planting as well as open garden arrangement. This was taken in September, only five months after the planting was made by our Landscaping Department. The materials used are marked by letter on the above cut so you can easily identify them by the following:

A—Symphoricarpus Chenaulti
B—Juniper Chinensis Pyramidalis
C—Juniper Pfitzeriana
D—Thuja Beverleyensis
E—Pyracantha Lalandi
F—Thuja Aurea Nana
G—Thuja Meldensis
H—Mugho Pine

All Evergreens are quoted f.o.b. Salt Lake City. See page 58 for quantity price schedule. We advise Freight or Express. Most sizes are too large and heavy for Parcel Post shipment.

Juniper

Chinese Pyramidalis Blue (Column Juniper) gjmtvNZ—It grows rapidly. Gives planters in the colder localities a tree which closely resembles the Italian Cypress in habit of growth. 18-24", $3.50; 30-36", $4.25; 3-4', $6.00; 4-5', $8.50; 5-6', $11.00.

Hill's Golden Pfitzer gjsvxNZ—A new golden form of the popular Pfitzer Juniper. Valuable as a novelty and also for color variation in your plantings. 18-24", $4.00; 24-30", $5.00.

Horizontalis Plumosa (Andorra Juniper) gjuvNZ—The most charming of the low creeping Junipers, with its blue-green summer foliage which turns purple in the fall. 15-18", $3.50; 18-24", $4.50.

Pfitzer (J. Chinensis Pfitzeriana) gjsvxNZ—This is the most widely planted and generally satisfactory of all semi-dwarf creeping Junipers. 1 gal. size, $1.00; 15-18", $3.00; 18-24", $3.75; 24-30", $4.75; 30-36", $5.75; 3-4', $8.50.

Sargenti Blue gjquvxNZ—It grows eight to twelve inches in height and creeps along the ground, forming a dense mass. 15-18", $3.50.

Sabina Tamariscifolia gjuvxNZ—Produces a dense, compact mat of bluish green foliage spreading 6-7' and not more than 18 inches high. 15-18", $3.75; 18-24", $4.50.

Sabina Von Ehron gjsvxNZ — Handsome, semi-dwarf spreading variety with rich green foliage. Can be trimmed for a Globe Juniper. 15-18", $3.00; 18-24", $3.75. Specimens trimmed to globe form, 20-24", $6.00.

Scopularum (Colorado Juniper) gjtvENZ — Compact, columnar growth from a single central stem. It is of unusual bluish color. 30-36", $5.00; 3-4', $6.50; 4-5', $9.50; 5-6', $12.50.

Squamata Meyeri (Meyer Juniper) gjuvNZ (6')—Most unusual in color and habit. Plump, pointed and prickly foliage is a distinct blue color. Irregular growth. 15-18", $3.75; 18-24", $5.00.

Virginiana Burki gjtvNZ—One of the newer forms of the Redcedar with outstanding steel blue foliage. Upright and open-growing, but is easily trimmed to a columnar specimen. 30-36", $5.00; 3-4', $6.50; 5-6', $12.50.

Virginiana Cannarti (Cannart Red Cedar) gjtvENZ—One of the leading favorites. It has a deep, rich green foliage; can be trimmed and thus maintained at any size wanted. 30-36", $4.50; 3-4', $6.00; 4-5', $8.50; 5-6', $12.50.

Virginiana Pyramidiforma (Dundee Juniper) gjtvNZ—Makes a compact, symmetrical pyramid of moderate size. Grayish green in summer, turning a purplish plum color in the fall. 30-36", $4.50; 3-4', $6.00; 4-5', $8.50; 5-6' $12.50.

Spruce (Picea)

Black Hills Spruce gjtNW—Very compact and symmetrical in all stages of growth. Extremely hardy, color of foliage bright green to bluish tints. 2½-3', $6.50; 3-3½', $8.00; 3½-4', $9.50; 5-6', $15.00.

Moerheim Blue gjtNW—The aristocrat of the evergreen family; by far the shapeliest Spruce, and the truest, most persistent blue in color of any known tree. 2½-3', $9.00; 3½-4', $14.00; 4-5', $20.00; 5-6', $28.00.

Blue Spruce (P. Pungen Glauca) gjtNW — The rarest blue; fine compact habit. (Utah State Tree.) Select this for living Christmas tree. 18-24", $5.00; 2-2½', $6.50; 2½-3', $8.00; 3½-4', $10.00; 4-5', $14.50; 5-6', $19.00.

Colorado Spruce (P. Pungens) gjtNW—Similar to above except foliage is light green. 18-24", $3.75; 2-2½', $5.00; 2½-3', $6.50; 3-4', $8.00.

Norway gjtNW—Effective in groups or for hedges and wind-breaks. Foliage is rich, dark green and this variety is most commonly used for Christmas trees. 24-30", $5.00; 3-4', $7.50.

Visitors Always Welcome

Visit our Centerville Nursery and you will see thousands of both Conifer and Broad-leaved types of Evergreen Shrubs and Trees, all sizes and stages of development from the very small rooted cuttings to the large specimen sizes. Write us if what you want is missing from this list, no doubt we can supply it.

Berckman's Dwarf Evergolden Arborvitae (Thuya)

(A) CHENAULTI SYMPHORICARPUS—Low growing, handsome, lacey foliage; white flowers in spring followed by red berries. **18-24" 35c; 2-3' 50c; 3-4' 60c.**

(B) P. CORONARIUS (Single Mock Orange) — Fine, large shrub with wealth of single, fragrant white flowers. **18-24" 45c; 2-3' 60c.**

(C) JAPANESE BARBERRY—Beautiful green shrub for hedges and border; red berries fall and winter. **15-18" 35c; 18-24" 50c.**

(D) BUSH HONEYSUCKLE (Pulcherrima)—Large, fine shrub with red flowers followed by attractive red berries. **18-24" 40c; 2-3' 60c; 3-4' 75c.**

(E) DBLE. MOCK ORANGE (P. virginalis) — Most delightful of white flowering shrubs; fragrant. **18-24" 70c; 2-3' 90c.**

(F) CRANBERRY, HIGHBUSH (V. Opulus)—White flowers in June followed by bright scarlet berries. **18-24" 70c; 2-3' 90c.**

(G) DOUBLE PINK FLOWERING ALMOND — Graceful, branching, double pink flowers in May. **18-24" 60c; 2-3' 80c.**

(H) GOLDEN BELL (F. Fortunei)—Bright golden yellow flowers before leaves appear. **18-24" 35c; 2-3' 55c; 3-4' 70c.**

(J) SNOWBERRY — A graceful shrub, with waxy white fruit. **18-24" 35c; 2-3' 50c.**

(K) FROBELI SPIREA — Leaves are purple when young. Deep rosy blooms are borne in abundance. **18-24" 40c; 2-3' 55c.**

(A) Chenaulti.

(B) Coronarius.

(C) Barberry, J.

(D) Pulcherrima.

(E) Virginalis.

(F) Highbush Cranberry.

SHRUB OFFER No. 361A

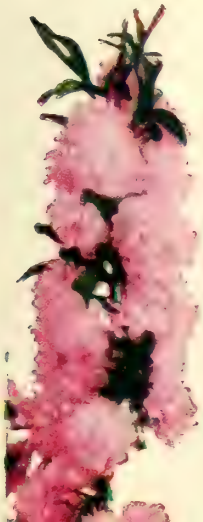
Consisting of 1 each of the 10 shrubs shown on this page. Size, all 18-24" except Japanese Barberry which is 15-18". (Regular value postpaid $4.65.)

PREPAID, ALL FOR..... $3.75

SHRUB OFFER No. 361B

Consisting of 1 each of the 10 shrubs shown on this page. Size, all 18-24" except Japanese Barberry which is 18-24". (Regular value postpaid $6.40.)

PREPAID, ALL FOR $5.00



(G) Left—Dbl. Fl. Almond.

(H) Below—Golden Bell.

(J) Below—Snowberry.

(K) Below—Frobeli Spirea.

Bechtel's Dbl. Fl. Crab

Flowering Crabs . . (See also page 63)

BECHTEL'S—(Above) Large, double, pink, rose-like flowers.

FLORIBUNDA—Rose-pink buds opening to single white flowers in great masses; fruit reddish yellow. (See cut at right, fig. 3.)

SCHEIDECKERI — Most beautiful semi-double pink flowers, waxy yellow fruits. (See larger tree in foreground at right.)

Any of the above, 3-4', $1.25; 5-6', $2.00.

Offer No. 362A Consists of 1 each of the 6 flowering trees shown on this page, all 3-4' size except Paul's Scarlet Hawthorne, which is 5-6'. (Regular value, $7.40.) ALL PREPAID..... **$6.00**

Offer No. 362B Consists of 1 each of the 6 flowering trees shown on this page. Bliriana and Flowering Crabs size 5-6', Paul's Scarlet Hawthorne 6-8', and Flowering Peach 4-5'. (Regular value $11.85.) ALL PREPAID..... **$9.50**

(At left)

BLIRIANA, NEW FLOWERING PLUM (See page 65) — Masses of double pink flowers early spring followed by dark reddish purple foliage. **3-4' $1.00; 5-6' $1.75.**

(At left)

PAUL'S SCARLET FLOWERING HAWTHORNE — Very double flowers in spring followed by red berries, borne freely. **5-6' $2.35; 6-8' $2.85.**

(At right)

DOUBLE PINK FLOWERING PEACH (See page 65)—Covered with double pink flowers before the leaves appear; quick-growing ornamental.

3-4' 90c; 4-5' $1.25.

P.-W.'s ORNAMENTAL TREES

The prices on all trees are f.o.b. Salt Lake City. (See page 58 for quantity schedule.) The following sizes can be forwarded by mail if desired, but add extra for postage at the zone rates from Salt Lake City to your Post Office Size 3'-4', one tree weighs 5 lbs.; add 2 lbs. extra for each additional. Size 4'-5', one tree weighs 7 lbs., add 2½ lbs. extra for each additional.

Ailanthus *hjlmyBVW*

Grandulosa (Tree of Heaven) (H 60')—A rapid growing, lofty tree. Long, elegant foliage. Exempt from disease and insects. 6-8' $1.75; 8-10', $2.65.

Ash (Fraxinus)

American White gjyBNVW (H 60')—A sturdy growing tree of fine symmetrical outline. 5-6', $1.00; 6-8', $1.50; 8-10', $2.25.

Green Ash gjyBNVW (H 50')—Shapely round top with dark green foliage. 3-4', 75c; 5-6', $1.00; 6-8', $1.50; 8-10', $2.25.

European Mountain Ash (Sorbus Aucuparia) gjvyBEUVW (H 45')—Flowers white, in flat clusters, four to five inches broad, followed by rather large red berries. Very handsome at any season. 6-8', $2.25; 8-10', $2.75.

Birch (Betula)

Cut-Leaved Weeping Birch gjtvyNVW (H 35') — The main trunk has snow-white bark and grows straight as an arrow. Branches spread but slightly, while the fine slender shoots hang vertically. The foliage is fine and deeply cut. Very beautiful. 7-8', $3.00; 9-10', $3.75; 10-12', $4.50.

European White Birch (Betula alba) gjmntyNRVW (H 40')—Tall, upright. Distinctive white bark. 6-8', $1.75; 8-10', $2.35.

Catalpa

Bungei (Umbrella Tree) hjmoyNVW (H 20')—Beautiful globe-shaped tops being grafted high on clean straight stems. 2-year heads, $3.50.

Speciosa (Western Catalpa) gjmotyBNRVW (H 60')—Rapid grower, producing large panicles of fragrant flowers delicately marked with violet and yellow. 4-6', $1.00; 6-8', $1.90; 8-10', $2.50.

Celtis Occidentalis *gjoyBSEVW*

Hackberry (H 40')—A valuable shade tree with wide spreading, somewhat pendulous branches. Forms a round-topped head with bright green leaves, turning yellow in the fall. 6-8', $2.00; 8-10', $2.75.

Cercis *hjotyASW*

Canadensis (Redbud) (H 30')—Striking ornamental trees, loaded with a mass of pea-shaped pink blossoms in early spring before the leaves appear. 5-6', $1.75.

Crabs (Malus) (Flowering) *gjtyBEVW*

From the standpoint of good growth, foliage, flowers and fruits, they are more satisfactory than any other group of small flowering trees. Their hardiness and wide adaptability to soil and climatic conditions make them especially well adapted to our mountain states.

Atrosanguinea (H 12')—Carmine flowers and fine red branches and fruit.

Bechtels (H 12')—Large, double, pink, rose-like flowers

Dolga (H 15')—Large white flowers followed by a great crop of red crab apples. Fruit makes up into jelly of the finest flavor.

Eleyi Purpurea (H 15')—One of the best, the tree produces a mass of red bloom against a purplish-bronze foliage. Dark red fruit that makes fine jelly.

Floribunda (H 12')—Rose-pink buds opening to single white flowers, fruit reddish yellow.

Halliana Parkmani (H 12') — Of spreading habit with glossy deep green foliage and double pink flowers, fruit purplish red.

Hoppi (H 10')—Produces large single rose-red flowers in profusion. Fruit red inside and out. Makes fine jelly.

Red Silver (H 12')—Red from top to bottom in bark, tree, leaf, and flower. The leaves have a cut-leaf character and are maroon, red, and silver in color.

Scheideckeri (H 15')—Large, semi-double pink flowers waxy yellow fruits. Highly recommended.

Any of above Crabs, 3-4', $1.25; 4-5', $1.50; 5-6', $2.00 6-7', $2.25.

Elm (Ulmus)

American (Ulmus Americana) gjtyNSVW (H 75')—Tall and stately with a graceful, wide spreading form. 6-8', $1.50; 8-10', $2.00; 10-12', $2.50.

Chinese or Siberian gjtyNOVWX (H 40')—A clean, fast grower. Thoroughly hardy and vigorous under most trying soil and climatic conditions. Its resistance to drouth, alkali and extreme temperature makes it very valuable for the West. Selected stock, 3-4', 45c; 5-6', 75c; 6-8', $1.00; 8-10', $1.25; 1½-2" cal., $2.25; 2-2½" cal., $2.75.

Camperdown (Umbrella Elm) gjoyNVW (H 15')—Always top grafted. Branches grow outward and downward, giving the tree a remarkable picturesque aspect One-year heads, $2.75.

Cork gjtyNSVW (H 75')—Tall, majestic, with spreading branches, corky winged; free from scale and disease 6-8', $2.75.

Cut-Leaved Weeping Birch

English gjtyNSVW (H 75')—A native of Europe; a noble rapid-growing tree, forming a dense head; a desirable tree for streets, avenues, etc. 6-8', $2.50; 8-10', $3.00.

Moline gjtyNSVW (H 75')—In shape like a Lombardy Poplar, with leaves often 6 inches across. The older trees become more spreading. 6-8', $1.75; 8-10', $2.25.

Ginkgo (Maidenhair Tree) *gjyVW*

Biloba (H 60')—A rare tree from Asia with fern-like foliage, unlike any other. Free, angular, independent branches, distinct, slow growing. 6-8', $5.00.

Chinese or Siberian Elm

See page 77 for legend explaining letters immediately following variety name

Horse Chestnut

White Flowering gjyBSVW (H 60′) — The handsome European species; has magnificent spikes of white flowers borne in great profusion and sweetly scented. 7-8′, $3.50; 9-10′, $4.00.

Hawthorne (Flowering) *gjtyBEVW*

English Double Flowering White (H 15′) — Fragrant flowers in May and June. 5-6′, $2.50.

Paul's Double Scarlet (H 15′)—Flowers deep crimson-scarlet; very double, followed by large red berries borne freely. 5-6′, $2.00; 6-8′, $2.50.

Laburnum *hjtyBVW*

Vossi (Long Clustered Golden Chain)—Small tree-like shrub with flowers of pure golden yellow and formed exactly like those of Wisteria. The long hanging clusters attain as much as 18-20 inches in length. 6-8′, $3.00.

Linden (Tilia) (H 60′) *gjtyBESVW*

American—Broad, round head with large, shining cordate leaves. Its flowers appear in yellow drooping clusters, intensely fragrant. 6-8′, $2.25; 8-10′, $2.75.

European—Pyramidal shape, foliage similar to the American Linden, white flowers in June. 6-8′, $3.00; 8-10′, $3.50.

Locust (Robina)

Common or Black Locust gjmyBNRVW (H 50′)—Rapid growth, valuable for timber as well as ornamental. The flowers in long racemes, white and fragrant, in June. 5-6′, 90c; 6-8′, $1.50; 8-10′, $2.00; 10-12′, $3.00.

Globe Locust gjmyNRVW (H 20′)—Unusually attractive; forms round-headed tree — without trimming. 2-year head, $3.50.

Honey Locust gkmpyNRVW (H 50′)—A large, vigorous tree, with wide spreading branches, feathery. Will stand heavy pruning if used for a tall hedge. 5-6′, $1.25; 6-8′, $1.75; 8-10′, $2.00.

P.-W.'s New Hardy Orchid Flowering Acacia gjmyBNVW (H 35′)—This new variety is a marvelous development of beauty. Its showy flowers are profusely produced in June, in long, drooping Sweetpea-like clusters of a deep orchid-pink. Because of its easy growth, hardiness, beauty, and adaptability to varied climatic conditions, this variety should find a place in every planting and become the leader among flowering trees. 7-8′, $2.75; 8-10′, $3.25; 10-12′, $3.90.

Thornless Honey Locust gkmpyNRVW (H 50′)—Identical in hardiness, foliage, size and habit of growth with the regular Honey Locust. The only difference being it is without spikes or thorns. 6-8′, $2.25; 8-10′, $2.75.

Oak (Quercus) *hkQSTVW*

Macrocarpa (Burr or Mossycup) (H 60-75′)—One of the hardiest of Oaks, with very long, glossy, deep green leaves, and a very large cup that has the appearance of a burr but is as soft as moss. It is free from pests and will tolerate city smoke. 6-8′, $4.00 each.

Maples (Acer)

Norway gjyAVW (H 60′)—A large, spreading rounded form, with shiny, deep green foliage. Very symmetrical. 6-8′, $2.00; 8-10′, $2.50; 10-12′, $2.75.

Purple Leaf Japanese Maple (Acer palmatum atropurpureum) hotSVW—Attractive dwarf tree. At maturity 6 to 8 feet in height. Broad leaves highly colored reddish purple. B. & B. 18-24″, $4.50.

Schwedleri gjyANVW (H 60′)—A red and purple contrasts brightly with the delicate green of other trees. In midsummer they are purplish green; in autumn, golden yellow. 6-8′, $3.00; 8-10′, $4.00.

Silver gjyANVW (H 60′)—A large tree, very fast growing. Makes dense shade and thrives in any soil. 6-8′, $1.75; 8-10′, $2.25; 10-12′, $2.75.

Mulberry *hjoyBNVW*

Kingman (Fruitless) (H 25′)—A good strong growing dense shade tree, but without fruit. Extremely rapid in growth and one of the best shade or street trees for southern Utah, Nevada, and other hot, dry arid climates. 7-8′, $2.75.

Tea Weeping (H 15′) — The long, slender, drooping branches of this tree give it a very unusual and much admired appearance, prized for lawn or formal planting. 1-year heads, $2.75.

Russian (H 25′)—Rapid growth; round-headed, profuse foliage; used to attract birds. 5-6′, $1.50.

Olive

Russian (Eleagnus Angustifolia) gjmptyBENVW (H 20′) —Leaves silvery green. Very hardy. Vigorous grower and valuable for screens, hedges, and color accents in landscape effects. 3-4′, 65c; 5-6′, $1.00; 6-8′ $1.50; 8-10′, $1.75.

Peach (Double Flowering)

Amygdalus Persica hktyBNSUVW (H 15′) — Simply a mass of blossoms, appearing before the leaves, making an immense bouquet of gorgeous color.

Double White, Double Pink and **Double Red,** 2-3′ 75c; 3-4′, 90c; 4-5′, $1.25.

Poplar (Populus) *gjotyNOVW*

Bolleana (H 60′)—A tall columnar, rapid-growing, hardy tree. Leaves glossy green above and silvery beneath. 6-8′, $1.50; 8-10′, $1.75; 10-12′, $2.50.

Carolina (H 50′)—Rapid grower; quick shade. 6-8′, 75c; 8-10′, $1.25; 10-12′, $1.75.

Lombardy (H 80′)—Grows narrow and columnar. 4-6′, 50c; 6-8′, 75c; 8-10′, $1.25; 10-12′, $1.75.

Prices on all Ornamental Trees are quoted f.o.b. Salt Lake City.

Let our LANDSCAPE DEPARTMENT assist you in your landscaping problems. A post card will put you in touch with this service.

Norway Maple

American Linden

P.-W.'s New H. Orchid Fl. Acacia

Prunus (Flowering Cherries)

Charming small trees with branches completely covered with a mass of large flowers in May.

Kwanzan—Double Pink hktyBUVW (H 25′)—3-4′, $1.50; 5-6′, $2.00.

Mt. Fugii — Double White hktyBUVW (H 25′) — 3-4′, 1.50; 5-6′, $2.00.

Japanese Weeping Cherry hktyBUVW (H 20′)—Famous flowering cherries of Japan. Beautiful specimens, blooming in profuse panicles of beautiful single pink flowers. 5-ft. standards, $3.50.

Prunus Flowering Plums *hktyBNSUVW*

Bliriana (New Flowering Plum) (H 15′)—In early spring a mass of double pink flowers, followed by very dark reddish purple foliage, which is retained throughout the season. 3-4′, 75c; 5-6′, $1.25.

Newport (H 15′) — Flowers single rosy white in early spring, followed by richly colored foliage. Fruits magenta red. 3-4′, 75c; 5-6′, $1.25.

Pissardi (H 15′)—Purple-leaved. 3-4′, 75c; 5-6′, $1.25.

Triloba (Double Flowering Plum) (H 10′)—Before leaves appear, the whole tree is a mass of very double, pink blossoms. May be grown in bush form also. 3-4′, $1.00.

Plane Oriental

London Plane hjmoyNVWX (H 70′) — It forms a fine spreading, well-rounded head. Entirely free from disease or pests. Leaves are large, dark green and deeply lobed. One of the best street trees. 6-8′, $2.50; 8-10′, $3.00; 10-12′, $3.75.

Tulip Tree (H 80′) *hotyBSVW*

Tall pyramidal habit; bluish green, glossy, fiddle-shaped leaves. Flowers Tulip-like, greenish yellow. 6-7′, $2.50.

Syringa Japonica

Japanese Tree Lilac gjtvBNVW (H 20′) — Grows into a handsome, well-shaped tree, which produces large, loose bunches of creamy white flowers in late June. Very handsome dark green foliage. 3-4′, $1.25.

Sophora

Japonica (Pagoda Tree) gjtyBNVW (H 30′)—The leaves are an old feather form, round base but pointed green above and gray and hairy beneath. Flowers long pea-shaped panicles, creamy white. 5-6′, $4.50.

Varnish Tree

Koelreuteria Paniculata hktyBNOVW (H 25′) — Sometimes known as "Golden Rain Tree." Very decorative foliage. In July its yellow flowers are borne in clusters 12 to 18 inches long. Very showy. 5-6′, $3.50.

Walnut

Thomas (Black Walnut) gjyAENVW (H 80′)—One of the finest black walnuts yet introduced. Nuts large; kernels large. Very good quality. Kernels come out in halves similar to English Walnut. Distinctive walnut flavor. Tree fast growing, upright. Bears heavily in five years. 6-8′, $3.25.

Willow (Salix) *gnjtyANRVX*

American Black (H 30′)—6-8′, $1.00; 8-10′, $1.50.

Babylonian Weeping Willow gjntyANRVWX (H 30′)—Stately, with long, pendant branches, silvery foliage. Easily transplanted. 6-8′, $1.75; 8-10′, $2.50; 10-12′, $3.25.

Golden Willow (H 30′)—Very much like Black Willow, with the exception of its golden yellow bark. Good for windbreaks. 6-8′, $1.00; 8-10′, $1.50.

Matsudana (Hankow Willow) gjntyANRVWX (H 35′) —From China, grows more upright than Babylonian. Very vigorous, rapidly develops into a magnificent tree 6-8′, $1.75; 8-10′, $2.50; 10-12′, $3.25.

Pussy Willow gjntANRVW (H 12′)—Attractive catkins form on the branches in early spring. 3-4′, 60c; 5-6′, $1.25; 6-8′, $1.75.

Weeping Golden Willow gjntyANRVW (H 25′)—The weeping form of the well-known Golden Willow. 6-8′, $1.75; 8-10′, $2.50.

P.-W.'s FRUIT TREES

At our Nurseries we grow a particularly fine lot of strong, healthy trees. This stock has been selected and critically grown Detailed planting and cultural directions free with each order. Ask for them.

It is not necessary to buy 10 or 40 of a single variety to secure the respective quantity rates; 10 or more assorted fruit trees may be priced at the ten rates applying on the particular varieties selected, and 40 or more may be priced at the 40 or more price schedules. On all orders below ten, the each prices apply.

Apples *gkyBNX*

"The King of Fruits"—"An Apple a Day Keeps the Doctor Away"

No fruit can be more pleasant to the palate or more beautiful to the eye than the rich, ripe apple when plucked from the tree or more luscious and beautiful when cooked.

Autumn Varieties

***Gravenstein**—Yellow, red striped, very large. Ripens in September.

***Twenty Oz. Pippin**—Large, yellow and striped. Good cooking apple.

***Wealthy**—Dark red, sub-acid. Trees bear very young.

Summer Varieties

***Early Harvest**—Medium size, nearly round, pale yellow, July and August.

***Early Redbird**—Claimed to be the earliest red apple in cultivation. Ripens a week earlier than Yellow Transparent, producing most palatable, glowing scarlet-red apples—almost twice the size of Early Transparent. Very satisfying. Vigorous grower, hardy everywhere.

***Red Astrachan**—Fruit large, beautiful deep crimson yellow. Ripens July and August.

***Red June**—Medium size, oblong, red, flesh white and juicy, sub-acid. Ripens in July.

***Yellow Transparent**—One of the earliest, pale yellow when ripe; good quality. Succeeds well in cold climates. Ripens in July.

Winter Varieties

***Cortland**—A cross between McIntosh and Ben Davis. Really a late keeping McIntosh of increased size.

***Delicious**—Solid red, most popular for eating, storing and shipping. No other red apple begins to rival its rich quality.

***Delicious**—Yellow-gold. It bears young and heavily. The fruit is large, juicy. No other yellow apple is of better quality.

***Jonathan**—Solid red. Equal to Delicious in popularity. Very firm, richly flavored flesh. Favored for eating, cooking and drying.

***McIntosh**—Solid red. An excellent fall eating apple. Largely planted where extreme hardiness is desired.

***Rhode Island Greening**—Large greenish yellow. An old favorite for pies and cooking.

***Rome Beauty**—Solid red. It is a brilliant red apple, large, tender, juicy. The tree is hardy and bears heavy crops every year.

***Staymans Winesap** — Smooth, greenish yellow, splashed and striped with red and purple.

***Winter Pearmin**—Pale yellow; flesh yellow, juicy, tender

***Winter Banana**—Fresh golden yellow; fine grained, juicy

Crab Apples

Highly esteemed for making jelly; extremely prolific

***Siberian**—Beautiful red. September.

The grades and prices on all varieties are as follows, f.o.b. Salt Lake City:

	Height	Inches Caliper	Each	10-40
Home Orchard	4 ft. up	9/16-11/16	80c	65c
Coml. Orchard	3 ft. up	7/16- 9/16	70c	55c
Mail Size	2 ft. up	5/16- 7/16	60c	45c
Extra Spec. Size	6-7 ft. trees		$1.10	80c

We have the extra special 6-7 ft. trees in varieties starred thus (*). Write for prices on larger quantities.

P.-W.'s Chinese Apricots

Apricots *hkyBUX*

Apricots which have been grown for many years under the names of "Chinese," "Colorado," "Jones," "Large Early Montgamet," and "Wilson" have been observed in the same experimental plot and proven to be identical.

Chinese—Large, round, deep orange-yellow fruits. Flesh is firm and the richest flavor. Late June.

Moorpark—Very large, light yellow, oval shaped fruit. The tree is slightly hardier than Chinese. Late June.

Prices of Apricots are on page 67.

Nectarines *hkBNX*

The Nectarine has a smooth skin like the plum. It is like the peach in other ways and requires the same culture. Its pungent, sprightly flavor is remindful of both, but with an added deliciousness all its own. Set trees 16 to 18 feet apart.

John Rivers—The hardiest Nectarine. Attractive size, red cheek and luscious green flesh. 2-3 ft., 75c; 3-4 ft., $1.00.

Nut Trees *ikAUW*

Almonds, IXL (Soft Shell)—Nut very large, soft-shelled and smooth. Kernel large and plump. The best variety for planting in this section. 3-4 ft., $1.00; 10 for $9.00; 4-6 ft., $1.20; 10 for $10.40.

English Walnuts—6-8 ft., $2.50 each.

P.-W.'s All-Season Fruit Offer No. 66A

10 vigorous fruit trees of the most popular varieties. Commercial orchard size. One each of:

Apricot, Chinese	**Cherries, Bing**
Apple, Red Delicious	**Cherries, Black Tartarian**
Apple, Yellow Transp't	**Plum, Duarte**
Peach, Early Elberta	**Prune, Italian**
Peach, J. H. Hale	**Pear, Bartlett**

Prepaid..... **$5.95**

Luscious Pears *gkASX*

Plant about 20 ft. apart each way.

***Bartlett**—Fruit large, clear yellow, highly flavored; very juicy. September.

***Beurre D'Anjou**—Large, of vinous flavor; one of the leading Autumn varieties.

***Keiffer's Hybrid**—Rarely ever blights. Fruit of fine size, rich color and good quality. October and November.

***Parrish Favorite**—Large winter pear, ripening in November-December. Will keep until Spring, retaining its captivating flavor. Never blights.

***Seckel**—Small, yellowish brown, tender, juicy melting. Ripens August.

***Winter Nellis**—A good winter variety of medium size.

All sizes of Pears priced on page 67.

Plums and Prunes *gktBNX*

Plant about 20 feet apart each way, 108 trees per acre.

Burbank—Large, round, mottled red and yellow. July.

Bradshaw—Very popular market variety. Large purple.

Damson—Medium dark blue; flesh amber; good preserver.

***Duarte**—A rich blood-fleshed plum, similar to Satsuma. Tests show this tree is hardier and more productive.

Elephant Heart—A huge, heart-shaped freestone plum, flesh blood-red. Luscious flavor. Early September.

Formosa—Early, large, heart-shaped, cherry red as it ripens; sweet and delicious. Early July.

***Green Gage**—Fruit pale green, rich and juicy.

Hanska—Large, dark reddish purple freestone plum, flesh is yellow and exquisite flavor. Very hardy.

Opata—Medium size, freestone, purplish red plum, flesh green of pleasing spicy flavor. Young bearer, very hardy. July.

Pacific—A large purple; ships well. Freestone; flesh pale yellow, firm, and sweet.

Peach (Jefferson)—Large, red, fine quality plum with yellow flesh. Recommended for the home orchard. Early July.

Pottawatamie—Excellent small plum for preserving.

Santa Rosa—One of the leading shippers. Good size, purplish red. Flesh reddish in color, juicy and delicious. Late July.

Sapa—Medium to large freestone, dark purple with purple flesh, juicy, of good flavor. Ripens a few days after Opata. Generally bears next year after planting and bears very heavily.

Satsuma—A fine, large purplish crimson; pit small. Delicious flavor. July.

Sugar—Dark reddish purple, changing to purplish black. Skin thin, tender, separates readily. Flesh golden yellow. Tender and sweet.

Sessions—Damson type, medium dark blue, flesh amber. Good for preserves. Sure cropper.

Yakima—Very large, egg-shaped, red. Good shipper.

Improved French Prune—Much larger than the old well-known brown French and superior in every way. Fruit red and sweet.

Italian-Fellemburg Prune—Large oval, dark purple; flesh greenish yellow; separates freely from stone; best for drying on the market. August-September. Best commercial sort, "Italian" is on peach root.

All sizes of Plums and Prunes priced on page 67.

*On varieties marked with asterisk, extra large size trees are available.

Dwarf Fruit Trees

These come into bearing earlier and are specially adapted to small yards or orchards where space is limited. This year we have only the **Red Astrachan** and **Red Delicious Apples** and the **Bartlett Pear** available in the Dwarf class. Either variety price, 7/16-9/16 caliper, $1.00 each; $9.00 per 10.

Sweet Cherries *hjBUX*

Plant 30 feet apart; 49 per acre.

Bing—About one week ahead of Lambert. One of the best market cherries. Large deep dark red, nearly black. Meat firm, sweet, and exceedingly well flavored. Ripens July in Salt Lake valley. Wonderful shipper.

Lambert—This follows Bing in ripening and is fully equal to it both as a commercial and home variety. Fruit very large, heart-shaped, firm flesh and a rich sweet flavor. It is less subject to frost injury in blossom time than any other of the sweet varieties. Ripens July.

Black Tartarian—Large, purplish-black, sweet. Ripens first of July.

Napoleon—Very large, pale yellow, red cheek. June.

Windsor—Fruit large; heavy bearer; beautiful dark color, almost black.

SOUR CHERRIES gjBUX

Plant 20 feet apart each way; 108 per acre

Royal Duke—Fruit dark red; juicy and rich. June.

Montmorency — Improved. This strain produces much larger fruit than the old true Montmorency and has become the leading sour cherry for cold pack and canning; ripens late June to early July.

Peaches *hkBUX*

Plant 20-25 feet each way; 70-108 per acre.

Alexander—Handsome, crimson. Ripens about July 4th.

Champion—Firm, sweet, white flesh with a rich and satisfying flavor. The tree is hardy and a good bearer; the fruit is freestone and ripens two weeks before Elberta.

Crawford's Late—Ripens September. Otherwise same as Crawford's Early.

Elberta—A leading market variety, large, handsome bright yellow overspread with crimson; juicy, fine shippers. Freestone.

Early Elberta—About ten days earlier than regular Elberta, otherwise similar.

Golden Jubilee—Another new large yellow-fleshed freestone. Said to ripen three weeks before Elberta and to equal or exceed that variety as a market peach.

J. H. Hale — Large orange-yellow, considered by many superior to Elberta. Freestone.

Halehaven—Large reddish yellow, a cross between J. H Hale and South Haven, combining the good qualities of each. Ripens 17 days before Elberta.

Heath Cling—Large, oblong, creamy white, rich and luscious; valuable canning peach.

Orange Cling—Very large; yellow with dark crimson cheek; flesh golden yellow.

May Flower—The earliest peach on the market; red all over; flavor excellent. Freestone.

Red Bird Cling—The earliest of the large clings. Color creamy white, overspread with red.

Rochester—It is the earliest yellow peach of quality, ripening about a month before Elberta. Fruit medium to large, mottled red, flesh tender, sweet, high quality, freestone. Buds harder than most yellow-fleshed peaches Ripens over a long season.

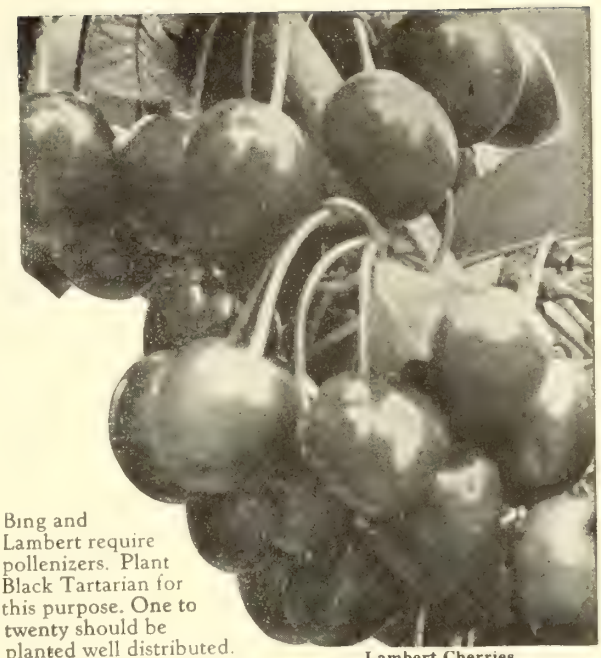
South Haven—Early yellow-fleshed market peach. Fruit medium to large, deep yellow with red cheek, tree vigorous, productive, hardy. Ripens two or three weeks before Elberta.

The prices on all standard Apple, Apricot, Cherry, Peach, Pear, and Plum trees listed are as follows, f.o.b. Salt Lake City:

	Height	Inches Caliper	Each	10-40
Home Orchard	4 ft. up	9/16-11/16	80c	65c
Coml. Orchard	3 ft. up	7/16- 9/16	70c	55c
Mail Size	2 ft. up	5/16- 7/16	60c	45c
Extra Spec. Size	5 ft. up		1.10	80c

Balanced Home Peach Orchard Collection No. 367

One 3-4' size tree of each—**Alexander, Rochester, Halehaven, Early Elberta, Elberta** and **J. H. Hale.** 6 trees, postpaid **$3.60**



Bing and Lambert require pollenizers. Plant Black Tartarian for this purpose. One to twenty should be planted well distributed. A pollenizer in the neighbor's lot will usually suffice

Lambert Cherries

J. H. Hale Peach

NEW REDELBERTA PEACH (Pat. No. 232)—An old favorite variety in new, greatly improved form. Identical with Elberta in tree and fruit except that the **fruit ripens approximately ten days earlier** than common Elberta and **has fully double the red color** of that variety. Prices f.o.b. Salt Lake City:

	Each	Dozen Lots	25 Lots	50 Lots	100 Lots
4-5 ft.	1.00	80c	70c	60c	55
3-4 ft.	.90	75c	65c	55c	50
2-3 ft.					45

500 tree lots, 5% discount from the per 100 prices
1,000 tree lots, 10% discount from the per 100 prices

Quince

Orange Quince—Large; roundish, with short neck, beautiful bright golden yellow; an old favorite for making jelly. 7/16-9/16 caliper, $1.00 each; $9.00 per 10.

SMALL FRUITS

Lifetime profits and pleasure from one planting.

GRAPES

Hardy American *gmtxNW*

Agawam—Good red; large, tender, sweet. August.
Caco—Best hardy red grape. Large, juicy and delicious. 35c each; 10 for $2.25.
Campbell's Early—Black with light purple bloom; skin thin; rich and sweet.
Catawba—Wine grape; berries large, coppery red color.
Concord—Deep purple. Most popular on the market.
Concord Seedless—Identical with the old Concord except that it is seedless. Each 75c; 5 for $3.40; 10 for $6.20.
Fredonia—Leading black grape. Ripens very early. Large, juicy, delicious; very productive and hardy. 35c each; 10 for $2.50.
Niagara—Greenish white; skin thin, sweet pulp.

European Varieties *imtxNW*

Black Malvoice — Berries large, oblong, reddish black, juicy.
Flame Tokay—Large, sweet, red.
Muscat—Large, light colored raisin and wine grape.
Thompson's Seedless—Popular seedless raisin grape.
Zinfandel—Well known black, sweet, and wine grape.

Prices, all Grapes except where noted, 2-year stock, each, 30c; 10, $2.00; 50, $5.50; 100, $10.00; 1000, $95.00.

Blackberries *gkxN*

Early Harvest—Berries uniform, glossy black, very early.
Mersereau—Very productive, sweet, rich, coreless.
Lucretia Dewberries—Fruit very large, superb quality.

Price—5 for 60c; 10 for $1.00; 50, $3.60; 100, $6.00; per 1000, $47.50.

Strawberries *gkN*

All Strawberry plants will be sent either Parcel Post or Express, according to quantity. Put up uniformly in bunches, 25 plants each.

Marshall—As a large berry for home use, it is peerless. The color is a rich, glossy crimson. 25 plants, 60c; 100, $1.50; 1000, $11.00.

P.-W.'s New Mammoth — P.-W.'s New Mammoth Everbearing Strawberry is superior in size, color, flavor and yield. Particular advantages in this new strawberry are that the vines are more dwarf, the berries ripen evenly, easier harvested, larger in size and firmer in texture. First ripe berries appear about a week earlier than Mastodon and continue to bear until snow flies. Price—25 plants, 90c; 50, $1.50; 100, $2.50; 1000, $18.50.

New Boysenberry

Boysenberry *ikN*

The Greatest Vine Berry Yet Developed—"From an acre of Boysenberries 11,500 lbs. were produced." It has a distinctive luscious flavor of its own. The finest berry you have ever tasted either fresh, canned, in jams, jellies, or pie. For home garden, plant 6 feet apart each way. Price, 5 for 75c; 10, $1.25; 100, $9.00.

NEW THORNLESS BOYSENBERRY — Same size, flavor, and bearing qualities as the new Boysenberry described above, but it has the wonderful advantage of being entirely thornless. Price, 5 for $1.50; 10 for $2.50; 100 for $18.00.

Currants *gkNW*

Perfection—Large, bright red; most popular new variety.
Utah Black (Native)—Black, rich, fine for jelly.
Price—Large 2-year-old roots, each, 30c; 10, $2.50; 100, $18.00.

Gooseberries *gkNW*

Oregon Champion—New red, medium size, good yielder.
Smith's Improved—Greenish red, good size, productive.
Price—2-year-old strong plants, each, 35c; 10, $3.00; 100, $25.00.
P.-W.'s New White Smith—The largest and finest; light green, almost white. Equally good for home or market. Each, 40c; 10, $3.60; 100, $32.00.

Raspberries (Red Varieties) *gkNX*

Cuthbert—One of the best large, dark reds; excellent flavor. Each, 15c; 10 for $1.00; 50, $3.00; 100, $5.00.
Latham—This remarkable and very desirable new variety is certified absolutely mosaic-free, and acceptable anywhere; berries are large and round, with profitable shipping firmness; color, a brilliant red. Each, 15c; 10, $1.00; 50, $3.00; 100, $6.00.
Taylor—New oblong fruited bright red variety. Very large; ripens a little earlier than Latham. Each, 15c; 10, $1.00; 50, $3.00; 100, $6.00.
P.-W.'s Colossus Everbearing—The finest everbearing red raspberry to date. It is absolutely hardy and bears prolifically over a long period. Due to its rich brilliant color and remarkable size and flavor, it will not only prove to be a delightful table berry, but it is perfect for canning and will be a money-maker for the commercial grower and a delightful new worthy type for the home garden. Price—25c each; 3 for 60c; postpaid. Not prepaid, 15c each; 10 for $1.20; $7.50 per 100.

Raspberries (Black Caps) *gkNX*

Cumberland — Healthy, vigorous, throwing up stout, stocky, well-branched canes; immensely productive of large, firm fruits. Midseason.
Columbian—Very large, somewhat conical; deep purple in color and borne in big clusters. Hybrid between Cuthbert and Cumberland "Black Caps." Grows much larger and more vigorously than any other "Black Cap."
Large No. 1 transplants—each of above, 15c each; 10, $1.20; 100, $8.00.

P.-W.'s Small Fruit Collection
Offer No. 368-A

250 Strawberries, Marshall; 50 Raspberries, P.-W.'s Colossus; 5 Boysenberries, New Thornless; 6 Grapes—2 Concord, 1 Agawam, 1 Muscat, 1 Campbell's Early, 1 Thompson Seedless.

(Regular value, $11.75.)
Prepaid, only..... **$9.50**

Strawberry, Marshall Type

PROVED HYBRID CORNS FOR 1943

Sow in drills 3 feet apart, using approximately 15 pounds of seed per acre.

FOR GREATER YIELDS ON FEWER ACRES WITH LESS HELP

Hybrids are superior because of their resistance to drouth, uniformity of growth, stiffness of stalks and increased yields, amounting to as much as 25%.

US 52—Our Main Crop Hybrid

Matures in about 110 days. Plants are very tall and lodge resistant. Ears are large, smooth, somewhat tapering, with 16 to 18 rows of medium depth grain. Adapted over a wide area and an excellent yielder. On good soils, it is a general all-purpose hybrid. U. S. 52 has given the best results in the experiments by the U.S.A.C. at Logan, Utah, with a large number of hybrid corn varieties.

Idaho Grown (packed 100 lbs. per bag) $13.50 per cwt.
Ohio Grown (packed in bushel bags) $7.25 per bu.

Ohio M15—Our Early Hybrid

A special boon for higher elevations and shorter season areas. It's a heavy yielder and the earliest of the Ohio Hybrids, maturing in 90 to 95 days, producing an abundance of medium sized, deep grained ears, and a wealth of fodder. We believe this is one of the best early producing hybrids on the market today.

Ohio Grown (packed in bushel bags) $8.00 per bu.

STANDARD OPEN POLLINATED CORNS

Minnesota No. 13—The leading all-round open pollinated variety. A 90-day Yellow Dent corn, acclimated to this area. It is the heaviest producer of the medium early field corns. Plants grow 7 to 8 ft. tall, bearing ears 9 to 10 inches long. Kernels are medium depth and 16 to 18 rows per ear. Yields average about 90 bushels per acre. Makes splendid ensilage.

Pride of the North—Matures in 80 to 90 days. A tall-growing Yellow Dent with luxuriant foliage, and vigorous grower. Ripens early, yielding 75 to 85 bushels per acre. Very fine ensilage as well as for dry corn.

Improved Leaming—100-110 days. It will grow more tonnage to the acre than any other open pollinated variety we know. Leaming makes a very heavy foliage, making it especially good for silage purposes. The ears and kernels are a little larger than Minnesota 13. Produces good yields of grain.

Silver King or Wisconsin No. 7—The best known White Dent variety. It is a creamy white with slightly rough kernels. The ears are well formed, 8 to 10 inches long, 16 to 20 rows on the cob. It is also a strong, leafy grower, with heavy foliage.

Boone County White—This is an excellent White Dent variety, maturing in 100 days. It is a great favorite with some growers. Good for either grain or ensilage.

Gold Mine—A Yellow Dent, medium rough corn with a good sized deep kernel and small cob. Matures in about 100 to 110 days and will yield from 70 to 80 bushels per acre.

Northwestern Dent (Red)—A cross between Minnesota No. 13 and King Phillip Flint. It is early and both frost and drought resistant, making it one of the best varieties adapted to the short season of the high foothills. It is a 75 to 90-day corn and yields 65 to 75 bushels of dry corn per acre.

Hybrid U. S. 52

Flint Varieties

Australian White Flint—One of the earliest White Flints Bears large ears, averaging 12 rows, 10 to 14 inches in length. Stalks are of medium height. Produces well for both dry corn and fodder. Season about 75 days. Heaviest yielding of the Flints.

King Phillip Flint—An extra early red flint, growing stalks about 7 ft. tall, which produce a leafy foliage, making it very good for fodder. Ears grow 10 to 12 in. long and produce 8 rows of shining red corn. The grain when ripe is not as hard as other flints. Matures in 75 to 80 days.

Quantity Prices

f.o.b. Salt Lake City	10-25 lbs. per lb.	25-99 lbs. per lb.	Bag lots 100 lbs
Australian White Flint	.09	.07	$6.00
Gold Mine	.08	.06½	5.50
Improved Leaming	.08	.06½	5.50
Minnesota No. 13	.08	.06½	5.50
Northwestern Red Dent	.09	.08	5.75
Pride of the North	.08	.06½	5.50
Silver King or Wisconsin No. 7	.08	.06½	5.50
King Phillip Flint	.08	.07	6.00
Boone County White	.08	.06½	5.50

ABOUT PRICES—Since the market changes rapidly on Field seeds, the prices quoted herein are subject to change without notice. You are safe, however, in sending remittance according to these published prices. In case of decline the difference will be promptly refunded; if an advance, you will be notified for your confirmation before shipment.

Barley

Trebi—An excellent feed variety, recommended for the irrigated lands of the Rocky Mountain area, heavy yielder. Where grown under irrigation, it qualifies as a malt barley. Write for prices.

Velvon—This new high yielding variety was released for planting in 1937. It is highly resistant to covered smut and has a smooth awn, which greatly increases its value as a feed. Velvon has the desired large, plump, white-colored kernels, the yield generally surpassing other varieties. Write for prices.

Oats

Swedish Select—This variety has long been the standard oat grown in this area. The grain is plump, white, and very heavy. The quality of the oats produced in the Rocky Mountains is unsurpassed. Write for prices.

Uton—This new variety was released for commercial growing in 1938. It is a cross between Swedish Select and Markton, having the white kernel of Swedish Select and the stiff straw and smut resistance of Markton. It is a high yielding variety, being well adapted to Western climatic and soil conditions. Write for prices.

Rye

Spring Rye is an excellent soiler and can be produced on poor, worn-out land under dry conditions where other grains would fail. Makes early pasture and may be cut and cured for hay. When sown with vetch, its value for pasture and hay is greatly enhanced. Write for prices.

Michel's Rye—Its superior characters are winter hardiness, good strong straw, and high yields. In nearly all cases the early plantings at the rate of 10 to 15 pounds of seed to the acre produced the highest seed yield regardless of the type of land. On account of its large rye-like seed, it is easily established, makes an early and abundant spring growth, produces a palatable feed, is easily handled as a seed crop, and can be harvested with a binder or combine. $5.00 per cwt., f.o.b. Salt Lake City.

Spring Wheat

Dicklow—Is a late maturing spring wheat. The kernels are soft and somewhat flattened. It has outyielded all other varieties except Federation on the irrigated lands of Southern Idaho and Northern Utah. This grain is in demand by millers for making biscuit and pastry flour. Write for prices.

Federation—Is a short, fairly early spring wheat. The kernels are white, rather short, and usually soft. Federation is less subject to lodging than Dicklow. It has replaced almost all spring varieties in this area. Write for prices.

A field of Michel's Rye

NEW IMPROVED CERESAN — This economical ethyl mercury phosphate dry disinfectant usually controls certain smuts and other diseases carried on seed barley, oats, rye, wheat, sorghums, millets, flax, peas.

1-lb. can	$ .80
4 lb. can	2.70
25-lb. pail	15.00

½ ounce treats a bushel

About Prices

Due to unsettled market conditions on grain, we are unable to quote prices.

From time to time we will be sending our customers special **Field Seed Lists** to correct changes in market prices. If you are not receiving them, please inform us.

CYCLONE SEED SOWER

A good large sower that meets the most exacting demands. Hangs by strap over shoulders of operator. Hopper-sack has 1½ bu. capacity. Broadcasts evenly all varieties of grain and grasses. Wt., 4 lbs.

Price—Each, $2.75. If by mail, add 25c ex. for post.

A field of Swedish Select Oats

Field Peas

Austrian Winter Peas—This variety is very hardy and should be sown early in the spring. Plants are very viney and generally similar to other varieties of field peas. The forage is of high nutritive value, very palatable, and can be utilized in practically any fresh or cured condition. Sow 75 to 100 pounds per acre.

Canadian Field—They enrich the soil and are splendid stock feed. For hay, they should be cut while the nutrient in milk is in the vine forming the pod; cure the hay. Plant early in the Spring at the rate of 100-120 lbs. per acre or 60 lbs. with a nurser crop of Oats or Spring Rye.

Millet

Early Fortune or Red Hog—This seed is of a shiny reddish brown. The heads are compact. It matures rather early, growing about medium height. It is ready to harvest in 50 to 60 days.

Golden or German—This is one of the best varieties for hay and fodder. It makes rapid, vigorous growth, often yielding 3 to 5 tons of hay per acre, on good rich soil. It grows 4 to 5 feet high, is of rather coarse appearance, and should be cut for hay before it is in full bloom. At this stage, the hay is of the best quality, and so tender it can be fed to hogs.

Yellow Hog—This is the most popular of the Proso type Millets, very valuable for late planting and as an emergency crop after others have failed. Hog Millet is mainly a grain crop; but has the advantage of the grain ripening while the stems are still green, which if cut at the proper time can be threshed for grain while the hay is of a good quality for feeding purposes.

Rape

Dwarf Essex—Pasture for hogs, sheep, and poultry. Sow 10 lbs. per acre. There is a need and a place for an extra thick growing green forage crop for use any time during the Fall, Winter, and Spring, and our Dwarf Essex Rape fills that need exactly.

Soy Beans

Illini—It is outstanding for all purposes—hay, feed, hogging down, as well as for planting with corn for the silo. Excellent yields of hay or a large crop of beans. A good average crop will produce 20 to 30 bushels of beans per acre. Illini is a robust grower of vines which stand up well and are easily cut with corn or grain binder. This variety matures in about 100 days.

Dry Land Grain Sorghums

60 Day Milo—Is a Sorghum similar to Kaffir Corn. Grows erect with thick, close-jointed stalks 4 to 9 in. tall. The large heads give a heavy yield of grain. It is drought-resistant and does well on alkali soils.

Sweet Sorghums

Black Amber Cane—80 to 100 days. Is the best known Sorgo and in many sections is the favorite because it is the earliest.

Atlas Sorgo—Is one of the highest yielding forage crops grown. Produces as much as 25 tons of silage per acre, extremely drought-resistant, and is relished by livestock. It produces a long, leafy stalk, sweet and juicy, with a good grain head.

Sunflower

Grey Stripe—A good silage crop for dry land. They may be sown early or late as they grow rapidly. The silage is very palatable and has high feeding value. Cultivate and handle similar to corn. Plant 5 to 6 lbs. per acre.

Common—Is grown as a hay and seed crop, as well as for green manure, silage, and pasturage. It should be used far more extensively by orchardists as a cover and green manure crop. Sow 60-80 lbs. per acre.

Sudan Grass

Drill 15 to 20 lbs. or broadcast 25 lbs. per acre for pasture. It will endure much alkali. Planted in rich soil in June, it will be ready to pasture in 30 days. It will furnish grazing for two cows per acre throughout the Summer. As a hay crop, it should be cut when heads appear. It takes several days of ideal weather to cure. A second crop may be cut or pastured if preferred. All kinds of livestock relish Sudan Grass—it has a sweet taste.

Vetch

Common—Is grown as a hay and seed crop, as well as for green manure, silage, and pasturage. It should be used far more extensively by orchardists as a cover and green manure crop. Sow 60-80 lbs. per acre.

INOCULATE ALL LEGUME SEEDS WITH

NITRAGIN

1898—FORTY-FIVE YEARS OF SERVICE—1943

When ordering, Always state name of seed.

ALFALFA
Swt., Bur, Hubam Clovers

Size	Retail
½ bu. each	$ .30
1 bu. each	.50
2½ bu. each	1.00

CLOVERS
Medium and Mammoth Red, Alsike, Crimson and White Clovers

½ bu. each	$ .30
1 bu each	50
2½ bu each	1.00

PEAS (All Varieties)
VETCHES (All Varieties)

½ bu. each	$ .25
1 bu. each	.35
1⅔ bu. each	.50
12½ bu. each	3.50

BEANS
String, Wax, Kidney

Size	Retail
½ bu. each	$ .25
1 bu. each	.35
1⅔ bu. each	.50

LESPEDEZA

Small (Inoculates up to 50 lbs seed)	$ .35
Large (Inoculates up to 100 lbs. seed)	.50

SOYBEANS, LIMA BEANS, COW PEAS, PEANUTS

Small, (Inoculates up to 120 lbs seed)	$ .30
5 bu. each	.55
25 bu. each (*One can*)	2.50
30 bu. each (6-5 *bu. cans*)	3.25

GARDEN SIZE — Garden Peas and Beans
Sweet Peas and Lupines
Enough for 6 lbs. seed — Retail Price 10c each

ASK FOR P.-W.'s FREE BULLETIN ON FARM AND FORAGE SEEDS—This contains authentic, dependable information on the value and adaptability of the various Farm and Range Clovers and Grasses, together with the planting and cultural directions.

Prices

f.o.b. Salt Lake City	10 lbs. per lb.	25-99 lbs. per lb.	Bag lots 100 lbs.
Austrian Winter Peas	.09	.08	7.00
Canadian Field Peas	.09	.08	7.00
Golden Millet	.07½	.06½	5.50
Yellow Hog Millet	.07½	.06½	5.50
Early Fortune Millet	.07½	.06½	5.50
Dwarf Essex Rape	.16	.15	14.00
Soy Beans Illini	.11	.10	9.00
Sudan Grass	.10½	.09½	8.50
Sunflower Grey Stripe	.13	.12	11.00
Common Spring Vetch	.12½	.11½	10.50
60-day Milo	.10	.09	7.25
Atlas Sorgo	.10	.09	7.25
Black Amber Cane	.09	.08	6.50

About Prices

Since the market changes rapidly on all Farm and Field seeds, the prices quoted herein are those prevailing at the time of going to press and are subject to change without notice. You are safe, however, in sending remittance according to these published prices. In case of decline the difference will be promptly refunded; if there has been an advance, you will be notified before shipment is made for your confirmation.

A Field of Sudan Grass

ALFALFA (LUCERNE)—WONDER CROP OF THE WEST

Crop of Alfalfa Hay

HARDY DESERT — This splendid variety is the selection from the far famed Utah Dry Land type, which is a "Northern or hardy strain." It will live and thrive in the most trying arid situations where all others fail. Its roots pierce the soil until moisture is reached, even a depth of twenty or thirty feet has been traced in some dry localities. It produces even under adverse conditions but in favorable situations under irrigation it is a prodigious yielder. Sow 10 to 15 lbs. per acre. We offer the following grades:

Extra Fancy—Unusually bright color, with a purity of approximately 99.50% or better and high germination.

Fancy—Seed of 99% purity and high germination. Good color, sound plump seed.

Choice—Seed of a good commercial grade. Purity approximately 98.50%.

UTAH PIONEER—Placed under certification in 1938 under recommendation of the State Experiment Station. It was selected from two parent fields in Millard County which are known to be at least 60 years old without reseeding or breaking up. Preliminary experimental tests point to its resistance to wilt over Grimm or Common and other hardy varieties.

Blue Tag Grade—Indicates a purity of 99.50% pure, containing less than 1/32 of 1% other crop seed.

GRIMM — This variety is especially recommended for shallow soils, those underlaid with hardpan, or where the water table is near the surface. Grimm is an extremely winter hardy variety, its deep set crown and branching root system making it immune to damage from winter and early spring heaving of the ground. The stems and leaves are of somewhat finer and leafier quality than common Alfalfa. It is susceptible to bacterial wilt and is not recommended for areas of severe infestation.

Blue Tag Grade—Indicates a purity of 99.50% pure, containing less than 1/32 of 1% other crop seed. Bagged under seal in 30 and 60 lb. lots only.

Declaration Grade—We make a point of offering only the highest grade seed. Sample or analysis sent on request.

LADAK—Tests at nearly every Northern and Western Experiment Station show Ladak leading on tonnage, long life, drought-resistance, and winter hardiness. It has also shown more resistance to bacterial wilt and aphid attack than any other commercial variety. Ladak makes an exceptionally heavy first and second crop but little third. Because of the heavy first cutting, however, total seasonal yield of Ladak is often in excess of that of the Rocky Mountain area because summer frosts which retard growth of other varieties leave it untouched. When fall comes, it tends to go dormant. This, no doubt, adds to its long life and accounts for its winter hardiness.

Blue Tag Grade—Indicates a purity of 99.50% pure, containing less than 1/32 of 1% other crop seed. Bagged under seal in 30 and 60 lb. lots only.

ORESTAN—Orestan is a selection of Turkestan Alfalfa made from several varieties obtained from Northern Turkestan by the U. S. Department of Agriculture. It has been developed jointly by Oregon State College and the Department of Agriculture. Orestan is practically immune to bacterial wilt. The original planting made in a wilt-infested area is still 100% alive in the tenth year while most of the other varieties were 90% killed after the fourth year. This variety is a very early, rapid grower, being fairly fine stemmed, and grows to a good height and is especially winter hardy.

Prices are quoted f.o.b. Salt Lake City.	**10-24 lbs. per lb.**	**25-99 lbs. per lb.**	**Bag lots 100 lbs.**
ALFALFA			
Grimm, Blue Tag	.54½	.53½	52.50
Grimm, Declaration	.49	.48	47.00
Hardy Desert, Extra Fancy	.49	.48	47.00
Hardy Desert, Fancy	.48	.47	46.00
Hardy Desert, Choice	.46	.45	44.00
Ladak		Ask	
Orestan, Red Tag		Ask	
Utah Pioneer, Blue Tag	.54½	.53½	52.50

CLOVERS FOR MEADOWS AND PASTURES

Alsike—Is recommended both for sowing with Timothy and also with the Red and Mammoth Clovers, as well as a hay crop by itself. It does not winter-kill. The use of Alsike Clover is increasing rapidly; cattle prefer it to other clovers. It is very fine for honey bees. Sow at the rate of six or eight pounds per acre; sown in mixtures, 5 or 6 pounds per acre is sufficient. Does best on damp soils—used in pasture mixtures with grasses.

Ladino Clover—This is a recent introduction from Europe and has proved to be a remarkable discovery as a green feed for poultry, as well as livestock. It yields far more and withstands frost much better than alfalfa. Each plant sends out runners about 12 in. long and each joint makes a new root. It can be cut continuously throughout the entire year and makes excellent pasturage. It should be planted where water is available as it does not do well in dry situations. Sow 7-8 pounds per acre. Excellent feed when sown alone or in mixtures for pasture.

SWEET CLOVER

White Blossom (Melilotus Alba)—Its value in the redemption of alkali lands cannot be over-estimated. It grows in a variety of soils—heavy, light, wet or dry, almost anywhere, except in acid soil. Sow 10 to 14 lbs. per acre. It is often used for a green manure crop because of its quick prolific growth.

Yellow Blossom (Melilotus Officinalis)—It is finer in the stalk and more palatable when mature than White Blossom Sweet, and has the same soil adaptation. Its refinement of stalk and palatability make it a good pasture and hay crop.

Hubam Clover—This is an annual sweet clover which grows rapidly, attaining a height of 6-7 feet. It is very valuable for pasturage and hay when cut before it gets too old. As the flowers are rich in honey, it makes very good bee pasturage. It is also used to great advantage as a cover crop or for green manure. It should be planted in Fall or Spring. Sow 12-15 pounds per acre.

Clover Seed Prices

	10 lbs. per lb.	**25-99 lbs. per lb.**	**Bag lots 100 lbs.**
Alsike, Extra Fancy	.34	.33	32.00
Alsike, Fancy Grade	.33	.32	31.00
Ladino, Fancy Grade	1.10	1.05	100.00
Hubam, Fancy Grade	.25	.24	23.00
White Blossom	.17	.16	15.00
Yellow Blossom	.17	.16	15.00

CLOVERS FOR MEADOWS AND PASTURES

Medium Red (Trifolium Pratense)—Is a dependable, all-around variety for farmers and stockmen. It makes two hay crops each year. Sow either in the Spring or Fall at the rate of 15 pounds to the acre. It is good in pastures either alone or with some grass as a companion crop. Is replacing alfalfa in heavy wilt-infested areas.

White Dutch Clover—Is a long-lived perennial legume, spreading by creeping stems that root at the nodes. When grown in mixtures with grass, it increases the carrying capacity of the pasture and provides a nutritious acid palatable feed. White Clover, like all other clovers, thrives best under cool moist growing conditions.

Strawberry Clover (Tall Variety)—It is similar to Ladino but has proved to be much hardier. The flower resembles White Dutch Clover, but is pink. The foliage is similar to White Dutch, having creeping runners, strawberry fashion, establishing new plants wherever the nodes contact the soil.

It has proved particularly adaptable to alkaline and wet soils. One government station has reported that Strawberry Clover will do well on acid soils as well as tide lands. Several observations have been made of this clover growing in fields of salt grass pasture. It is much in demand as a pasture crop because of its palatability and adaptability to alkaline soils. Livestock relish it and pass up other clovers and grasses wherever Strawberry Clover is available. Sow 4-6 pounds per acre.

A Pasture of Strawberry Clover

Prices f.o.b. Salt Lake	10 lbs. per lb.	25-99 lbs. per lb.	Bag lots 100 lbs.
Med. Red, Fancy Grade	.33	.32	31.00
Strawberry, Extra Fancy	.57	.56	55.00
Strawberry, Choice	.50	.49	48.00
White Dutch, Fancy	.76	.74	72.00
White Dutch, Choice	.57	.56	55.00

Better Pastures Feed More Cattle . . . Produce More Food

Select a mixture properly formulated to suit your soil and moisture condition. If these U.S.D.A. formulas do not solve your special needs, write us and we will be pleased to recommend and quote special formulas.

Thousand of Intermountain farmers can cooperate in the National effort to produce more food for the war by providing more feed for the West's greatest agricultural asset—Livestock. The greatest opportunity for increasing the supply of livestock feed lies in the development of more and better pastures. The agronomists and dairy experts of the Utah State Agricultural College at Logan agree that "the net returns from a well-managed pasture carrying high-producing herds probably cannot be exceeded by any other farm crop and furthermore there is no land in the intermountain area that is too valuable for pastures."

The experts further emphasize that outstanding results can be achieved only on **"Well Managed Pastures."** The following rules should be observed to establish and maintain a highly productive pasture:

1. Use only clean seed of high germination.
2. Fall plow land and work down in spring in firm, moist condition.
3. Sow the seed to a depth of ½ to ¾ inches (drilling is preferred).
4. It is safer not to use a nurse crop. If one is used, we recommend Barley at ½ the usual rate.
5. Keep young plants well irrigated.
6. Do not graze the first year until mid-July or later.
7. Avoid over-grazing by dividing pasture land into several practical sections and follow a rotation system of grazing.
8. Pastures should be fertilized with from 100 to 150 pounds of phosphate per acre every other year and 10 tons of manure per acre every third year.
9. Pastures should be harrowed both ways in early spring and late fall when droppings are soaked to prevent bunching of unpalatable forage the next year.
10. When bunches of unpalatable forage and weeds appear, pastures should be clipped with a mower.
11. Properly irrigated pastures need not consume more water than other irrigated crops.

No. I. For good well-drained irrigated land.

	Amount
Smooth Brome grass	4 lbs.
Orchard grass	3
Meadow fescue	4
Perennial rye-grass	3
Kentucky blue-grass	4
White clover	3
Alsike clover	2
Total per acre	23 lbs.

No. II. For damp, fertile soils.

	Amount
Red top	3 lbs.
Meadow fescue	4
Perennial rye-grass	4
White clover	2
Alsike clover	4
Kentucky blue-grass	3
Total per acre	20 lbs.

No. III. For damp, slightly alkali soils.

	Amount
Perennial rye-grass	3 lbs.
Meadow fescue	4
Orchard grass	4
White Dutch clover	2
Red clover	3
Yellow sweet clover	3
Smooth brome grass	3
Total per acre	22 lbs.

No. IV. For wet alkali soils

	Amount
Perennial rye-grass	3 lbs
Strawberry clover	2
Reed canary grass	3
White sweet clover	3
Meadow fescue	3
Smooth brome grass	3
Total per acre	17 lbs

No. V. For bench land with irrigation water.

	Amount
Smooth brome grass	4 lbs
Orchard grass	3
Kentucky blue-grass	5
White Dutch clover	2
Alsike clover	2
Yellow sweet clover	2
Alfalfa	2
Total per acre	20 lbs

No. VI. For dry farms. (Singly or in combination)

	Amount
Slender wheat	4 lbs
Crested wheat	4
Western wheat	5
Total per acre	13 lbs

Pasture Mixture Prices

Prices f.o.b. Salt Lake	10 lbs. per lb.	25-99 lbs. per lb.	Bag lots 100 lbs.
No. I as above	.35	.34	33.00
No. II as above	.32½	.31½	30.50
No. III as above	.34	.33	32.00
No. IV as above	.31½	.30½	29.50
No. V as above	.34	.33	32.00
No. VI as above	.21	.20	19.00

GRASS SEED – For Range, Meadow and Pasture

Our stocks are critically grown, of highest germination and purity. Prices fluctuate. Write for prices.

A snapshot taken at our trial grounds at Centerville shows Rodney Porter, foreman of our wholesale department, standing in Brome Grass with two rows of Crested Wheat in foreground.

Smooth Brome Grass (Bromus Inermis)

This is one of the outstanding grasses for the Intermountain area, being well adapted to arid regions where rainfall is relatively low. It is the most palatable of all the important grasses, even surpassing the well-known Kentucky Blue Grass in this respect. Smooth Brome is a long-lived perennial with numerous creeping root stalks which form a dense heavy sod, making it capable of standing much abuse as a pasture grass. In areas where the annual rainfall is 15 inches or where irrigation is possible, brome is preferable to other forage grasses. Brome thrives especially well on a rich, loamy soil; but in the wild state it grows in dry, gravelly soils, or even in pure sand. Recent experiments have shown it to succeed in alkali soils. Its wide range of soil and moisture adaptabilities, together with its palatability and extreme winter hardiness makes it one of our most valuable grasses. The stems attain a height of from two to three feet. Two cuttings of hay are most generally obtained in a season, yields ranging from one to four tons per acre. After the third or fourth year Brome often becomes sod bound. This condition may be overcome by disking or shallow plowing. Brome can be sown either in Spring or Fall, preferably on a well prepared, firm seedbed at the rate of 10 to 20 pounds per acre. Drilling is preferable to broadcasting, wherever possible.

Poa Bulbosa (Bulbous Bluegrass)

A perennial grass which is one of the earliest available for pasturage. It makes excellent pasture either alone or when sown with alfalfa. It is often used to thicken up thin alfalfa stands, and when cut before it is too old, makes an excellent hay. This grass is relished by all kinds of livestock and has proven to be a very valuable feed for range cattle, sheep, horses, and other livestock.

Prices

In comparing prices, be sure to compare the analysis and germination also.	10 lbs. per lb.	25-99 lbs. per lb.	Bag lots 100 lbs.
Crested Wheat Grass	.18	.16½	15.50
Brome Grass	.18	.17	16.00
Poa Bulbosa (B. Blue)	.25	.24	23.00
Slender Wheat	.18	.17	16.00
Western Wheat	.21	.20	19.00

Crested Wheat Grass (Agropyron cristatum)

It is a wonderful ranch and range grass which grows earlier in the Spring and later in the Fall because of its ability to grow at lower temperatures. As a hay crop, it is very highly nutritious and palatable, stands well under grazing and as a seed crop yields average from 200 to 500 pounds per acre under dry land conditions. It has made a most remarkable showing under dry, arid conditions, succeeding where many other varieties fail in a dry situation and cold temperatures. Crested Wheat is a long-lived grass. Fields 20 years old are still doing well. It is relished by livestock and adapts itself to a wide range of soil types.

For hay and pasture, sow 10 pounds per acre. As a seed crop, sow in 6-inch drills or in rows 3 ft. apart; requires only 4-5 pounds of seed per acre.

Slender Wheat Grass

This is a native North American bunch grass, which has proved very valuable under cultivation. It is a bunch forming variety, being better adapted to range land than meadows; however, recent tests are proving its value as a grass for alakli soils. Slender Wheat is similar in many respects to Crested Wheat. It is recommended for pastures in canyons or flats, succeeding exceptionally well at high elevations. It grows in dry, arid sections, producing numerous slender, erect stems, two to four feet high, with narrow, flat leaves. Sow either Fall or Spring at the rate of 5 to 15 pounds per acre.

Western Wheat Grass

Western Wheat Grass is a native long-lived perennial grass which is found on most of our natural ranges. The entire plant of Western Wheat is blue-green in color. It is erect in growth and forms firm, solid turf even where moisture is limited. Its heavy spreading root system makes it a most valuable plant for erosion control. As forage, it is grazed with relish throughout the year by all classes of livestock. The leafage, while rather rigid, is never coarse, and sheep as well as cattle and horses graze it closely. Its highly nutritious herbage remains green and succulent until the arrival of killing frosts. Western Wheat grows in a great variety of soils, including alkali land, withstanding drought unusually well. Reproduction by creeping root stalks is vigorous and abundant when the plant is strong physiologically. Under many conditions excellent crops of hay are cut. Sow either Spring or Fall at the rate of 10 to 15 pounds per acre.

Crested Wheat Grass

GRASS SEED—For Range, Meadow and Pasture (continued)

Kentucky Blue Grass—One of the best pasture grasses. It begins growth early and remains green very late in the fall. It is extremely resistant to cold. Kentucky Blue Grass does best on well drained loams and clay soils rich in humus. Sow 30 pounds per acre.

Meadow Fescue—An excellent grass for pasturage when planted alone or in combination with other grasses and clovers. It is a tufted, deep rooted, long-lived perennial, growing to a height of 15 to 30 inches. The leaves are bright green and very succulent, supplying palatable forage from early spring until late in the fall. It thrives over a wide range of conditions, adapting itself to both wet and dry soils. On wet, alkali soils, few grasses are equal to Meadow Fescue. As a hay crop it will yield an average of two tons per acre. Sow either in the Spring or Fall at the rate of 20 to 30 pounds per acre.

Orchard Grass (Dactylis glomerata)—This is a very early pasture grass, furnishing feed at least three weeks before most other grasses. Even after close grazing, a ten-day interval is sufficient for another growth. It makes a heavy sod and gives splendid pasture until late in the Fall. Withstands drought and is very hardy; well suited for shaded places such as in orchards or groves. It grows in tufts and can be sown, if desired, with Red Clover and Alfalfa. When planted alone, sow at the rate of 20-25 pounds per acre.

Perennial Rye Grass—This is a most desirable grass for pastures. Its chief value being as an ingredient of permanent pasture mixtures. It forms a close, heavy sod and recovers quickly after being grazed. The value of this grass on alkali soils cannot be over-emphasized. Perennial rye attains a height of 1½ to 2 feet, the blades are narrow, the under surface having a bright glossy green which gives an attractive appearance to the grass. It is a rapid grower, establishing itself very quickly. When used for hay, it should be cut in the full-bloom stage. When seeded alone, sow at the rate of 20 to 25 pounds per acre in a well prepared, firm seedbed.

Mountain Brome (Bromus Marginatus)

Is a stout perennial bunchgrass, very common between the altitudes of about 5,000 and 10,000 feet. It has a very wide range of soil adaptations, varying from fairly moist loamy soils, where the best growth is made, to fairly dry, gravelly soils. Mountain Brome grass, when young, is grazed closely by all classes of livestock. Where it can be cut for hay, it makes a very fine feed for horses and cattle.

It is an exceptional grass for the reclamation of land inaccessible to farm machinery, as good stands may be obtained by broadcasting on areas where seedbed preparation is not possible. Sow either Spring or Fall at the rate of 10 to 20 pounds per acre.

The above snapshot shows a section of the ranch producing our Mountain Brome Grass Seed. Important is the row cultivation which insures weed-free seed of finest quality.

Snapshot taken at our Centerville Trial Grounds showing Meadow Fescue on the left and Reed Canary Grass on the right.

Reed Canary Grass (Phalaris arundinacea)—This is a valuable high-yielding forage plant which is naturally adapted to grow on low, wet lands. As a permanent source of high quality hay and good pasturage, this crop is a valuable contribution to many farms in our area. For hay, cut as soon as the head begins to appear. Two or three crops of hay and some fall pasture may be obtained by such a practice. Everyone with moist and boggy soils should give this excellent grass a trial. Sow it at the rate of 5 to 6 pounds per acre, broadcast and in drill, 2 to 3 pounds per acre in 16 to 18 inch rows.

Red Top—A valuable grass for moist soils. It makes a good permanent stand and is well adapted to pastures. It has been grown very successfully even on alkali and bottom land where many other grasses have failed. It is used also as a lawn grass as it makes a fine stem and good turf. Sow 15-25 pounds per acre.

Tall Meadow Oat Grass—Is a long-lived, deep-rooted perennial bunch grass, fairly drought-resistant and produces an abundance of forage early in the spring. The forage is somewhat coarse and less palatable than most other grasses listed here, but it is easily started and holds much promise as a pasture grass on our arid lands.

Timothy—Of hay grasses, Timothy leads all. Thrives on clay or heavy loams, wet or boggy soils, or in mountainous districts. At higher elevations where fewer grasses and clovers are adaptable, Timothy is the most important hay and pasture crop. Alone, sow 12 pounds to the acre, or with clover, 10 pounds Timothy and 6 pounds clover

Western Alkali Grass—This grass will make your alkali lands productive. We have reports from growers stating it has produced, on alkali ground, useless for other crops, yields equal to that of Timothy grown on first class Timothy land. It will stand an unlimited amount of water in the spring and has successfully resisted severe drought. Seeding can be made beginning in September and continuing as long as snow covers the ground in the spring. Sow 2 pounds per acre for meadow or pasture

Grass Seed Prices

Transportation Not Prepaid

In comparing prices, be sure to compare the analysis and germination also.	10 lbs. per lb.	25-99 lbs. per lb.	Bag lots 100 lbs
Kentucky Blue, Meadow Grade	.24	.23	22.00
Perennial Rye Grass, Blue Tag	.24	.23	22.00
Meadow Fescue, Fancy	.32½	.31½	30.50
Mountain Brome	.24	.23	22.00
Orchard Grass, Fancy Grade	.42	.41	40.00
Reed Canary Grass, Fancy	.45	.44	43.00
Red Top, Extra Fancy	.18	.17	16.00
Red Top, Choice	.17	.16	15.00
Tall Meadow Oat	.30	.29	27.50
Timothy, Extra Fancy	.12	.11	10.00
Timothy, Fancy	.11½	.10½	9.50
Western Alkali	1.00	—	.....

HANDY SUBJECT INDEX

It's easy to find what you wish. For instance, you want something in Flower Seed—say Petunias. Look under this Index, you find Flower Seeds are on pages 19-34. Being alphabetcially arranged, you easily discover Petunias are on page 28.

	Page
Anemones	21, 48, 51
Apples	65
Apios Tuberosa	48
Apricots	66
Asparagus	3
Asters, Hardy	22
Asters, Annual	21
Begonias, Tuberous	48
Blackberries	68
Bleeding Hearts	22
Boysenberries	68
Broad-Leaved Evergreens	59
Cannas	48
Caladiums	48
Chrysanthemums	23, 29
Cinnamon Vine	48
Cherries	67
Currants	68
Cyanogas	46
Dahlias	49, 50, 51
Delphiniums	24
Dewberries	68
Dusters	45
Evergreens	59, 60
Farm Seed	69-75
Fertilizers	44
Flower Seed	19-34
Fungicides	45
Garden Tools	46, 47
Gladiolus	52, 53
Gooseberries	68
Grape Vines	68
Horse Radish	10
Insecticides	45
Iris	26
Lawn Seed	78
Lily of Valley	26
Madeira Vine	48
Montbretias	48
Mulberries	64
Nitragin	71
Nut Trees	65-66
Pears	66
Peaches	67
Peonies	49
Phlox, Hardy	28, 30
Plant Covers	47
Plums	66
Raspberries	68
Rhubarb	16
Ranuculus	48, 52
Rodent Killers	45
Rootone	44
Roses	36-43
Sage	16
Shade Trees	63-65
Shrubs	54-58
Spray Pumps	46
Strawberries	68
Tigrida	48
Transplantone	44
Vegetable Seed	3-18
Vines	58
Water Lilies	35

WRITE FOR INFORMATION AND PRICE LIST

Birds, Cages, Pet Stock Supplies, Dog Foods, Collars, Remedies as well as **Garden Tools and Accessories.** We carry all these stocks at our Salt Lake City Store. Prompt mail order service. Your correspondence invited.

Special Service Facilities for Motor Customers

Drive to either our CENTERVILLE Nurseries and Display Gardens (see below) or to our City Sales Yard and Storage Warehouses at 522-536 South 3rd West, Salt Lake City. Plenty of Free Parking Space and Courteous, Experienced Sales Staff to help you solve your Garden Problems.

FAIR DEALING AND RELIABILITY

Thirty-eight years of fair dealing and the largest source of supply in the Mountain States is back of every order from us. You are as near to us as your post office or express station. If you are dissatisfied in any way with the results with our seeds, you have only to tell us and we will authorize you to select from our catalogue whatever you wish for an equable adjustment. But in no case shall it be for more than the amount actually paid us for the item in question. Reference is given to any Bank or Commercial Agency, as to our financial responsibility.

***We can assume no liability for the crop**—as we cannot control the weather, soils, moisture, pests and other agents which make for success or failure. We sell, therefore, subject to the following disclaimer: "We give no warranty, express or implied, as to productiveness of any seeds, plants, or bulbs we sell and we will not be in any way responsible for the crop. Our liability in all instances is limited to the purchase price of the seed, plants, or bulbs."—P.-W. Co.*

About Warranty and Guarantee on Nursery Stock

We warrant stock true to name as labeled, to the extent only that if any should prove otherwise, we will replace free or refund purchase price; also we guarantee delivery in good and proper transplanting condition. Any claim for error, damage, or omission must be made immediately upon receipt of shipment, and proper adjustment will be made promptly. *Responsibility rests with all customers to examine carefully upon arrival as we can assume no liability for failure to grow* after nursery stock has been accepted and planted.

P.-W.'s Landscape Plans

Competent supervision in selecting and placing plant materials is real economy.

At a very nominal cost our efficient Landscape Staff will develop these plans for you.

A postcard will bring you full details.

It Pays To Plant
P.-W.'s "Mountain Grown"
SEEDS - SHRUBS - TREES
OGDEN
FARMINGTON
P.-W. NURSERY & DISPLAY GARDENS
CENTERVILLE
BOUNTIFUL
SALT LAKE CITY
YOU ARE INVITED
— To Visit Our Centerville Display Gardens, Trial Grounds, Plant, Shrub, and Tree Nurseries.
COME SOON AND OFTEN
NO OBLIGATION
ALWAYS WELCOME
A section of Seed Trials at Centerville Display Gardens
Partial view of Evergreen Nurseries at Centerville

QUICK REFERENCE TABLES

For desirable information and cultural treatment of
FLOWERS - VINES - SHRUBS - TREES

Here is the Key to the small and capital letters immediately following the family or variety names. By following these references you will get the additional information needed for intelligent selection and cultural requirements of the splendid array of planting materials listed in this book with which you may not be already familiar.

Classification and Hardiness

(Based on climatic conditions in the Salt Lake Valley and similar areas.)

a—Plants that produce their flowers from seed the first year but do not survive the winter.

b—Plants that rarely produce flowers from seed until the second year and then die.

c—Plants that rarely flower from seed until the second year, but flower in season thereafter.

d—Bulbous herbaceous or tuberous rooted plants that are winter hardy without protection.

e—Bulbous herbaceous or tuberous rooted plants that need winter protection.

f—Bulbous or tuberous rooted plants that must be lifted and given frost-proof storage during winter.

g—Vines, shrubs, or trees that are hardy everywhere. (Including higher altitudes.)

h—Vines, shrubs, or trees that are hardy in the Salt Lake Valley but need winter protection in higher altitudes and colder sections.

i—Vines, shrubs or trees that need slight winter protection or sheltered situation in Salt Lake Valley and not recommended for colder areas.

Location (Conditions Most Favorable)

j—Very adaptable—does well in full sun to part shade and any good average soil condition.

k—Likes full sun.

l—Will tolerate full shade.

m—Does well in dry situations.

n—Does well in wet situations.

o—Prefers a cool, moist situation.

General Utility or useful for:

p—Hedges.

q—Ground cover or carpeting plants.

r—Cut flowers.

s—Bedding and massing.

t—Backgrounds or screening.

u—Dwarf border, edgings, rock gardens.

Special Utility - useful for:

v—Refined lawn groups.

w—Window, porch box, or urns.

x—Banks and steep slopes.

y—Parking or shade.

z—House plant.

Time and Duration of Bloom

A—Late winter and early spring.

B—Late spring and early summer.

C—Late summer and early fall.

D—Fall until winter.

E—Winter fruit or berries.

F—Continuous bloom throughout season.

Seed Planting Information

How Deep—the proper depth is very important. As a general rule, large seeds should be covered 4 or 5 times their diameter, medium and small seeds accordingly. Very fine seeds should be merely pressed into the soil, firming the soil well over them. Soil should always be well pulverized to receive the seed and kept thoroughly moist after seed has been planted.

G—Sow seed where plants are to grow in early spring or late fall just before the ground freezes.

H—Sow seed where plants are to grow in middle or late spring; past frost danger when plants appear above ground.

I—Sow seed for succession during spring and early summer.

J—Sow seed in early spring, mid-summer, or fall in well-prepared bed and transplant seedlings where they are to grow.

K—Sow inside in flats, pots, or boxes in later winter or early spring, transplant to the garden when frost danger is over.

L—Sow in hotbed or cold frame in early spring.

M—Seed needs chilling before proper germination can be secured. Sow, therefore, in late fall in beds or open ground.

Soil Requirements and Preferences

N—Of easiest culture for the beginner and does well in the average garden soil.

O—Tolerant of alkaline soils.

P—Prefers neutral or slightly alkaline soil.

Q—Prefers acid reacting soil.

R—Does well in poor soil.

S—Thrives best in well-enriched soil.

T—Likes heavy, clay soil.

U—Likes light, well-drained soil.

Pruning Requirements

V—Prune heavily when planted.

W—Require little pruning or thinning after planting.

X—Require heavy pruning in late winter or early spring only.

Y—Annually immediately after flowering.

Z—Shear in spring before new growth starts or in late summer just before the season growth stops.

SUGGESTIONS ABOUT ORDERING

An En-vo-blank is enclosed for your convenience in sending in orders. Extras will be gladly furnished on request. **Money should always accompany order.** On small amounts, send coin, not stamps, which are not usable as our mail is metered. **Goods wanted C.O.D. must have at least 25 per cent** of the amount accompanying the order. **Patrons signing orders** are requested to use prefix, Mr., Mrs. or Miss. Married ladies please use husband's initials.

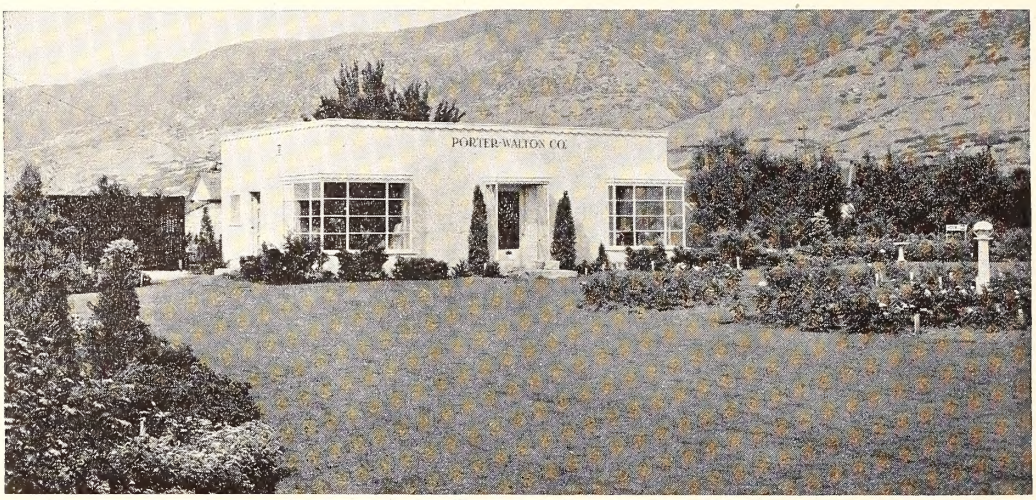
Parcel Post Information

Many items in this catalog are prepaid, however, on those quoted f.o.b. Salt Lake City the following postal information will be helpful.

Zone	First lb.	Each lb. Additional	Zone	First lb.	Each lb. Additional
1st—Within 50 miles	8c	1.1c	5th—Within 600 to 1,000 miles	11c	5.3c
2nd—Within 50 to 150 miles	8c	1.1c	6th—Within 1,000 to 1,400 miles	12c	7c
3rd—Within 150 to 300 miles	9c	2c	7th—Within 1,400 to 1,800 miles	14c	9c
4th—Within 300 to 600 miles	10c	3.5c	8th—All over 1,800 miles	15c	11c

The Maximum Weight allowable is 70 pounds. The size of the parcel must not exceed 100 inches for combined length and girth.

PORTER-WALTON'S DEPENDABLE LAWN SEED



The above shows the quick development of P.-W.'s Velvet Green Mixture. The photograph was taken at our Centerville Display Gardens, just six weeks after the seed was sown.

LAWN MIXTURES

ROOTONE Reg. U. S. Pat. Off. MAKES BETTER LAWNS

We offer for the first time our "GREEN LAWN" MIXTURES already Rootone-ized. (Read page 44 for details.)

Seed treated with Rootone germinates faster, forms a deeper, stronger root growth and makes better utilization of fertilizer. This means a **thicker, heavier turf;** and the denser the growth of grass the less chance there is for weeds.

VELVET GREEN (Rootone Treated)
Not prepaid—lb., 70c; 10 lbs., $6.50.

EVER GREEN (Rootone Treated)
Not prepaid—lb., 60c; 10 lbs., $5.50.

P.-W.'s "Green Lawn" Mixture

We are especially proud of these lawn mixtures. They are composed of the pure seeds of those fine-leaved and deep-rooted permanent grasses best suited for residence lawns. These famous mixtures contain White Dutch Clover in proportions as follows:

VELVET GREEN—Contains 15% clover. Not prepaid, lb., 60c; 10 lbs., $5.50.

EVER GREEN—Contains 5% clover. Not prepaid, lb., 50c; 10 lbs., $4.50.

Shady Nook Mixture

A proven formula which includes varieties which are shade tolerant, together with varieties that do well in full sunlight. The mixture may be used with confidence on both sun and shaded areas, to produce turf of high quality, uniform, springy, and medium green in color. Not prepaid, lb., 75c; 10 lbs., $7.00.

Special Bent Mixture

With this mixture you can have a putting green on your own lawn, equal to the best golf greens and there will be no trouble from dandelions and other weeds. Not prepaid, lb., 95c; 10 lbs., $9.00.

P.-W.'s Special Athletic Field Mixture

This is a blend of fine quality grasses of the most suitable varieties. (Clovers not included as it is slippery and dangerous for playing areas.) 5 lbs., $2.25; 10 lbs., $4.00.

LAWN CLOVER

White Dutch Clover for Lawns

It is the best clover to include in grass mixtures. Advantages are that it grows quickly, forms a close herbage, is resistant to drought, remains green all season, and is helpful to grasses growing with it. Gardeners who prefer heavy clover growth should include 2 oz. to each pound of grass. Not prepaid, lb., $1.25; 10 lbs., $11.50.

LAWN GRASSES

Kentucky Blue Grass
(Poa pratensis)

A deep green grass that does well on most types of soil. It continues to grow at low temperatures which keeps your lawn green in spring and autumn. Kentucky Blue is the "backbone" of fine lawn mixtures. It is aggressive and spreads rapidly, making a sod of fine texture.

EXTRA FANCY, 24 lb. grade,
Triple Cleaned—lb., 45c; 10 lbs., $4.00.

SUPER FANCY, 28 lb. grade,
Triple Cleaned—lb., 50c; 10 lbs., $4.50.

Astoria Bent Grass
(Blue Tag Certified Grade)

Properly cared for, Bent makes a beautiful lawn, discouraging weed growth. It is the true creeping type and forms a very dense sod of beautiful dark green color and stands quite close mowing. Lb., $1.35; 10 lbs., $12.50.

Chewings Fescue

Forms a mat-like sod with a pleasing green color. The leaves are fine, needle-like, and bristly. It withstands hard wear and extreme drought. Suits almost all soils, especially those of a sandy or gravelly nature. **It is one of the best grasses for shady areas.** Not prepaid, lb., 85c; 10 lbs., $8.00.

Creeping Red Fescue

This has bright green, wire-like leaves and creeps by underground stems so that one plant may eventually cover an area of several square feet. Like Chewings Fescue, it is exceptional on sandy or gravelly soils and unexcelled in shade. The turf of the finer strains of Red Fescue are probably the most beautiful of all lawn grasses. Not prepaid, lb., $1.25; 10 lbs., $11.50.

Red Top Grass

Heavy solid seed. A rapid-growing, fine-blade grass used universally with Kentucky Blue Grass. It does well on almost any soil, withstanding drought and thriving under moist conditions. Not prepaid, lb., 35c; 10 lbs., $3.00.

Pamphlet, "Lawns—How to Make Them," free with every purchase. Ask for it.

NEW CHINESE LILAC
A new hybrid variety with slender stems, reddish purple flowers. **2-3', 85c.**

CYDONIA JAPONICA (Above)
(Japanese Flowering Quince)
An attractive shrub attaining a height and spread of about 5 feet, producing a gorgeous array of brilliant crimson flowers in early spring. **2-3', each 65c.**

P.-W.'s New Hardy (At right)
ORCHID FLOWERED ACACIA

Gorgeous when in flower, beautiful foliage, hardy everywhere.

Price, 7-8', $2.75; 8-9', $3.25; 10-12', $3.90.

"SUMMER KING" (Above)
(New Everblooming Climbing Honeysuckle Heckrotti)
Growing 15-20 feet, producing fragrant flame-red trumpet flowers lined with gold, in immense showy clusters blooming from early summer until frost; flowers produced the first year from planting; deep green foliage, semi-evergreen. **2-yr. plants, each 75c, prepaid.**

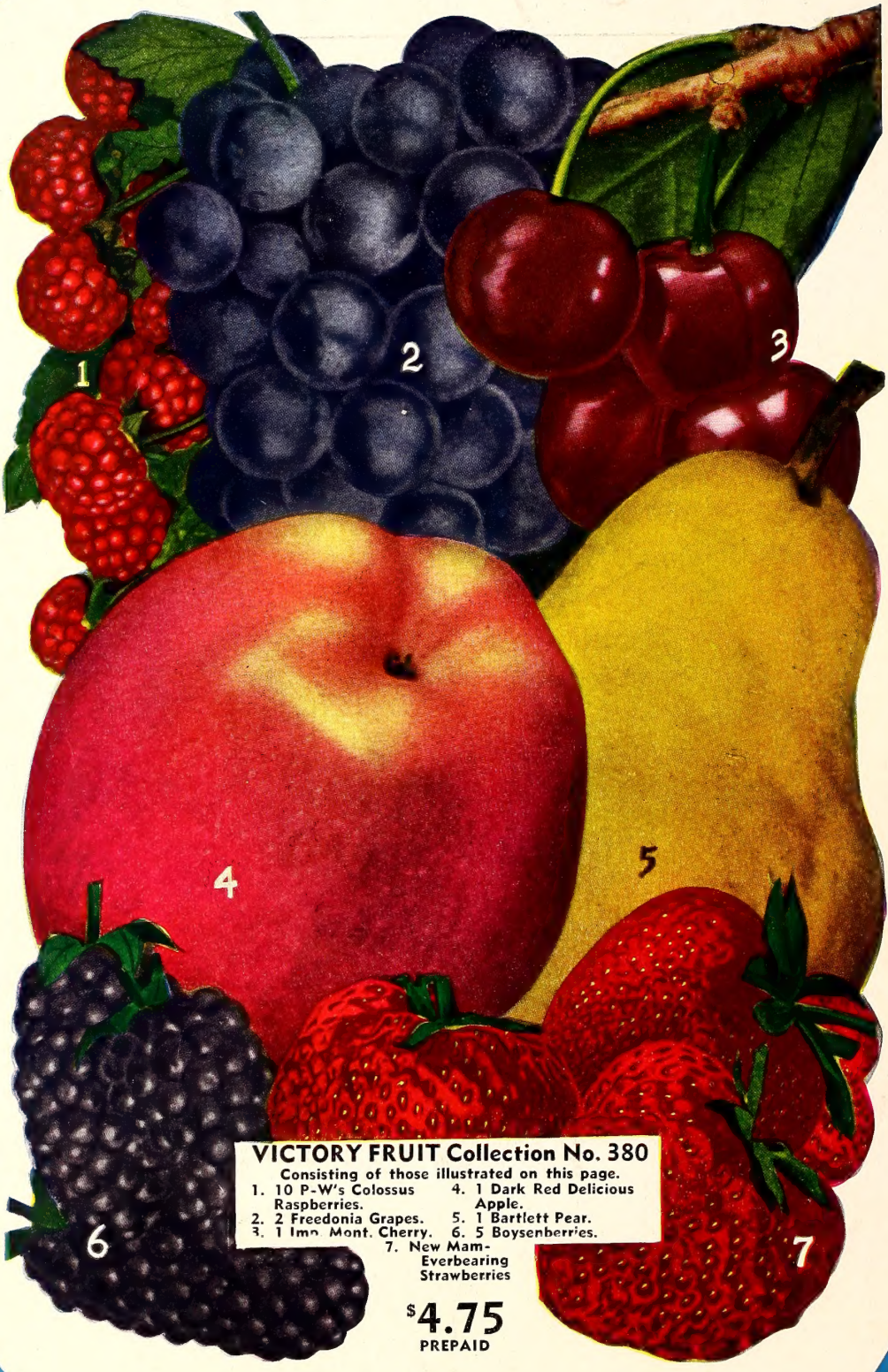
COLLECTION No. 460

2 Everblooming Climbing Honeysuckle Summer King, 2 Beauty Bush, 2 Cydonia Japonica, as illustrated and priced on this page. 6 in all, prepaid for..... **$3.50**

PORTER-WALTON
SALT LAKE CITY,
UTAH
Return Postage Guaranteed

M. R. Newman, Reference
Div. of Fruit & Veg. Crops
U.S. Dept. of Agri.
Washington, D.C.

Sec. 562, P. L. & R.
U. S. POSTAGE
PAID
Salt Lake City, Utah
Permit No. 22



VICTORY FRUIT Collection No. 380

Consisting of those illustrated on this page.

1. 10 P-W's Colossus Raspberries.
2. 2 Freedonia Grapes.
3. 1 Imp. Mont. Cherry.
4. 1 Dark Red Delicious Apple.
5. 1 Bartlett Pear.
6. 5 Boysenberries.
7. New Mam-Everbearing Strawberries

$4.75
PREPAID

PORTER-WALTON CO., Salt Lake City, Utah